



ClearWay

BGP303 LED23-3S/740 PSR I STD 42/60

ClearWay, LED module 2300 lm, 740 neutral white, Power supply unit regulating, Safety class I, 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	LED23 [LED module 2300 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	EBP [Electronic Primalume]
Driver included	Yes
Photocell	-
Light source engine type	LED
Product family code	BGP303 [ClearWay]
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	5 years
EU RoHS compliant	No
Embedded control	-
Light Technical	
Upward light output ratio	0
Luminous Flux	2,036 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color rendering index (CRI)	>70
Number of light sources	1
Light source color	740 neutral white
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	22 A
Inrush time	0.29 ms
Power Consumption	19.4 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B 20	

Temperature

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

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
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	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 m ²
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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Product Data

Order product name	BGP303 LED23-3S/740 PSR I STD 42/60
Full product name	BGP303 LED23-3S/740 PSR I STD 42/60
Full product code	871829188448400
Order code	910925438715
Material Nr. (12NC)	910925438715
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291884484
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291884484

