



# ClearWay

## BGP303 LED73-3S/740 PSU II STD 42/60

ClearWay, LED module 7300 lm, 740 neutral white, Power supply unit (On/Off), Safety class II, 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		Warranty period	
Lamp family code	LED73 [LED module 7300 lm]	EU RoHS compliant	No
Light source replaceable	No	Embedded control	-
Number of gear units	1 unit	Light Technical	
Gear	EBP [Electronic Primalume]	Upward light output ratio	0
Driver included	Yes	Luminous Flux	6,378 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)	110 lm/W
Glow-wire test	Temperature 960 °C, duration 5 s	Color rendering index (CRI)	>70
Flammability mark	For mounting on normally flammable surfaces	Number of light sources	1
CE mark	Yes	Light source color	740 neutral white
ENEC mark	ENEC mark	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	60.6 W
Power Factor (Fraction)	0.96
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	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 m <sup>2</sup>
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 II

#### 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 LED73-3S/740 PSU II STD 42/60
Full product name	BGP303 LED73-3S/740 PSU II STD 42/60
Full product code	871829106981200
Order code	910925438930
Material Nr. (12NC)	910925438930
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291069812
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291069812

