



# ClearWay

## BGP303 LED18-4S/740 PSU I DM11 76

ClearWay, LED module 1800 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Distribution medium 11, 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	LED18 [LED module 1800 lm]	ENEC mark	ENEC mark
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	EU RoHS compliant	No
Gear	EB [Electronic]	Embedded control	-
Driver included	Yes	Upward light output ratio	0
Photocell	-	Luminous Flux	1,602 lm
Light source engine type	LED	Standard tilt angle posttop	0°
Product family code	BGP303 [ClearWay]	Standard tilt angle side entry	0°
Lighting Technology	LED	Correlated Color Temperature (Nom)	4000 K
Glow-wire test	Temperature 960 °C, duration 5 s	Luminous Efficacy (rated) (Nom)	123 lm/W
Flammability mark	For mounting on normally flammable surfaces	Color rendering index (CRI)	>70
CE mark	Yes	Number of light sources	1

Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	150° x 62°
Optic type outdoor	Distribution medium 11

## 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	13 W
Power Factor (Fraction)	0.91
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

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	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 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	0% (digital)
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## Product Data

Order product name	BGP303 LED18-4S/740 PSU I DM11 76
Full product name	BGP303 LED18-4S/740 PSU I DM11 76
Full product code	871869698657800
Order code	910925864635
Material Nr. (12NC)	910925864635
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696986578
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696986578

## Dimensional drawing



