

ClearWay

BGP303 LED98--3S/740 PSU II 42/60



BGP303 - LED module 9800 lm - Power supply unit -
Universal for diameter 42-60 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

Product family code	BGP303 [BGP303]
Number of light sources	1 [1 pc]
Lamp family code	LED98 [LED module 9800 lm]
Lamp version	3S [3rd generation, screw fixation]
Light source color	740 [740 neutral white]
Kombipack	K [Lamp(s) included]
Light source replaceable	false [No]
Number of gear units	1 [1 unit]
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	true [Yes]
Protection class IEC	II [Safety class II]
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optic type	DM [Distribution medium]
Optical cover/lens type	FG [Glass flat]
Color	GR [Gray]
Standard RAL color	7035 [Pale gray]
Coating	No [-]
Embedded control	No [-]
Dimmable	No [No]
Light regulation	No [-]
Photocell	No [-]
Connection	SI [Screw connection block]
Cable	No [-]
Gland for mains supply	1PG13 [Cable gland 1x PG 13 mm]
Gland material	GP [Cable gland plastic]
Ready-to-install	KIT [Ready-to-install]
Glow-wire test	960/5 [Temperature 960 °C, duration 5 s]

CE mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]
Flammability mark	F [For mounting on normally flammable surfaces]
Country version	No [-]
Constant light output	No [No]

• Light technical

Light distribution	DIR [Direct lighting]
Standard tilt angle posttop	0 [0°]
Standard tilt angle side entry	0 [0°]
Luminous flux tolerance	+/-7% [+/-7%]

• Electrical

Power consumption tolerance	+/-11% [+/-11%]
Power factor	0.96 -
Input voltage	220-240 V [220 to 240 V]
Input frequency	50-60 Hz [50 to 60 Hz]

• Mechanical

Mounting device	42/60 [Universal for diameter 42-60 mm]
Housing material	ALU [Aluminum]
Optic material	AC [Acrylate]
Optical cover/lens material	GT [Tempered glass]
Optical cover/lens shape	FT [Flat]
Optical cover/lens finish	CL [Clear]



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Ambient temperature range -30 to +35°C [-30 to +35 °C]

• Initial perform. (IEC compliant)

Initial input power	81 W [81 W]
Initial luminous flux	8342 Lm
Initial LED luminaire efficacy	103 Lm/W
Init. Corr. Color Temperature	4000 [4000 K]
Init. Color Rendering Index	70 [70]
Initial chromaticity	(0.38, 0.38) SDCM <5

• Over time perform. (IEC compliant)

Useful life L80B10	50000 hr
Driver failure rate at 5000 h	0.05 %

• Application conditions

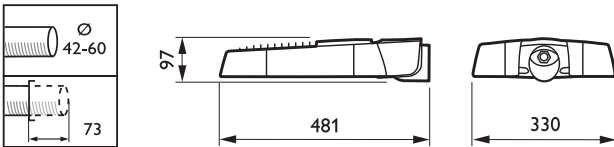
Average ambient temperature T25 [+25 °C]

• Product Data

Order code	910925439008
Full product code	910925439008
Full product name	BGP303 LED98--3S/740 PSU II 42/60
Order product name	BGP303 LED98--3S/740 PSU II 42/60
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8718291069829
Logistic code(s) - 12NC	910925439008
Net weight per piece	7.010 kg



Dimensional drawing



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data subject to change