PHILIPS

Lighting

Ocean Bollard LED – Guidance, marking-out and punctuation

Ocean Bollard LED

The robust Ocean Bollard LED combines a distinctive family design with an innovative and efficient light distribution. It is ideal for marking out and punctuating outdoor spaces as well as guiding pedestrians.

Benefits

- Ambiance creation
- Ocean family look & feel
- Available in aluminum
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

Features

- Robust housing

Application

- Pedestrian areas, parks, squares, surroundings of contemporary buildings

Specifications

Type	BGP708
Light source	Integral LED-module
Power	12 and 21 W
Beam angle	160°
Luminous flux	918 and 1607 lm (NW)
Luminaire efficacy	77 lm/W

Correlated Color Temperature	3000 and 4000 K
Color Rendering Index	80 and 70
Lumen maintenance at median useful life* 100000 h	GreenLine: min L80

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Lumen maintenance at median useful life* 75000 h	EconomyLine: min L80
Control gear failure rate at median useful life 100000 h	GreenLine: 10%
Control gear failure rate at median useful life 75000 h	EconomyLine: 7.5%
Performance Ambient Temperature Tq	+25 ºC
Operating temperature range	-20 to 35 °C

Driver	Built-in (self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Optic	WRN
Optical cover	PMMA lenses
Material	Extruded aluminium
	PMMA lenses
Color	Silver
	Other RAL or AKZO Futura colors available on request
Maintenance	Opening of the housing with three M6 stainless steel socket set screws.
	Electrical connection through an IP 67 box located on the housing. LED driver access after opening the bollard
Installation	Baseplate with 3 holes (12 mm at 120° on Ø 240 mm)

Versions

Ocean Bollard LED BGP708 pedestian luminaire

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Application conditions	
Maximum dim level	Not applicable

Approval and application	
Mech. impact protection code	IK08
Surge Protection (Common/ Differential)	EN61547 (L-L 6kV, L-G 8kV) kV

Controls and dimming	
Dimmable	No

General information	
Luminaire light beam spread	360°
CE mark	CE mark
Optical cover/lens type	Polycarbonate bowl/cover
Driver included	Yes
Flammability mark	-
Gear	EB
Glow-wire test	-
Light source replaceable	No
Lamp version	3S
Number of gear units	1 unit
Number of light sources	9 pcs
Optic type	Asymmetrical wide beam
UL mark	-

Light technical	
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0.03

Mechanical and housing	
Color	Silver

Operating and electrical

Order Code	Full Product Name	Driver current
912401451601	BGP708 GRN9/830 II PSU WRN SI	350 mA
912401451602	BGP708 ECO17/830 II PSU WRN SI	700 mA
912401451603	BGP708 GRN10/740 I PSU WRN SI	350 mA
912401451604	BGP708 ECO18/740 II PSU WRN SI	700 mA

General information

Order Code	Full Product Name	Light source color	Lamp family code	Service tag
912401451601	BGP708 GRN9/830 II PSU WRN SI	830 warm white	GRN9	Yes
912401451602	BGP708 ECO17/830 II PSU WRN SI	830 warm white	ECO18	-

Order Code	Full Product Name	Light source color	Lamp family code	Service tag
912401451603	BGP708 GRN10/740 I PSU WRN SI	740 neutral white	GRN10	-
912401451604	BGP708 ECO18/740 II PSU WRN SI	740 neutral white	ECO18	-

Initial performance (IEC compliant)

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Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
912401451601	BGP708 GRN9/830 II PSU WRN SI	3000 K	≥80	842 lm
912401451602	BGP708 ECO17/830 II PSU WRN SI	3000 K	≥80	1492 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
912401451603	BGP708 GRN10/740 I PSU WRN SI	4000 K	≥70	918 lm
912401451604	BGP708 ECO18/740 II PSU WRN SI	4000 K	≥70	1607 lm