Ocean Bollard LED

BGP708 ECO17/830 II PSU WRN SI

LED EconomyLine 1800 lm, 830 warm white, Safety class II, Asymmetrical wide beam, Silver

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.

Product data

General Information

Lamp family code	ECO18 [LED EconomyLine 1800 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires – January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source engine type	LED
Lighting Technology	LED
CE mark	Yes
Warranty period	1 years
Flammability mark	–
ENEC mark	–

Glow-wire test	–
EU RoHS compliant	Yes

Light Technical

Upward light output ratio	0.03
Luminous Flux	1,492 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	71 lm/W
Color rendering index (CRI)	≥80
Number of light sources	9
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	360°
Optic type outdoor	Asymmetrical wide beam

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz

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Inrush current	15 A
Inrush time	360 ms
Power Consumption	21 W
Power Factor (Fraction)	0.99
Connection	Screw connection block 3-pole
Cable	–
Number of products on MCB of 16 A type B	23

Temperature

Ambient temperature range	–20 to +35 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	–
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Silver
Mounting device	Baseplate
Optical cover shape	Wide
Optical cover finish	Clear
Overall height	931 mm
Overall diameter	270 mm
Effective projected area	0 m²

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)	EN61547 (L-L 6kV, L-G 8kV) kV
Sustainability rating	–
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/–5%
Initial chromaticity	0.38,0.38 W
Power consumption tolerance	+/–5%
Init. Color Rendering Index Tolerance	+/–2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 75000 h	7.5 %
Lumen maintenance at median useful life* 75000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Order product name	BGP708 ECO17/830 II PSU WRN SI
Full product name	BGP708 ECO17/830 II PSU WRN SI
Full product code	871869693871300
Order code	912401451602
Material Nr. (12NC)	912401451602
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696938713
Numerator – Packs per outer box	1
EAN/UPC – Case	8718696938713

Dimensional drawing

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