Ocean Road LED

BRP708 LED51/740 II DS50 SI D9 T25 MB-A2

OCEAN ROAD LED, LED module 5100 lm, 740 neutral white, Safety class II, Distribution symmetrical 50, Silver, Mounting bracket adjustable

Designed for mounting heights of 4 to 9 m, the Ocean Road LED luminaire combines compactness, finesse and efficiency. Its graceful, fluid lines harmonize discreetly with all types of urban environment. With its dedicated LED module, Ocean Road LED is suitable for a wide range of lighting applications – main and side roads and streets, pedestrian areas, squares and paths, and even seaside locations.

Product data

General Information

Lamp family code	LED51 [LED module 5100 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BRP708 [OCEAN ROAD LED]

Light Technical

Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	–
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Upwards light output ratio	0.03
Luminous Flux	3,796 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	–
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	127 lm/W
Colour rendering index (CRI)	≥70
Light source colour	740 neutral white

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Optical cover type	Glass		Effective projected area	0.095 m²
Luminaire light beam spread	152° x 155°		Dimensions (height x width x depth)	175 x 365 x 611 mm
Optic type outdoor	Distribution symmetrical 50			

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	43 A
Inrush time	0.26 ms
Power Consumption	30 W
Power Factor (Fraction)	0.96
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	–
Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	–40 to +50 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Silver
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	611 mm
Overall width	365 mm
Overall height	175 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)	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
Sustainability rating	–
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.381, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L97

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	20%

Product Data

Order product name	BRP708 LED51/740 II DS50 SI D9 T25 MB-A2
Full product name	BRP708 LED51/740 II DS50 SI D9 T25 MB-A2
Full EOC	871869945036600
Order code	45036600
Material no. (12 NC)	912300023984
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699450366
Numerator – packs per outer box	1
EAN/UPC – Case	8718699450366

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Dimensional drawing

www.lighting.philips.com

2023, April 30 – data subject to change