



# Ocean Road LED

## BRP708 LED51-/740 II DS50 SI D9 T25 MB-A

OCEAN ROAD LED - LED module 5100 lm - 740 neutral white - Safety class II - Distribution symmetrical 50 - Silver - Dimming via external communication DALI - 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		ENEC mark	ENEC mark
Lamp family code	LED51 [ LED module 5100 lm]	Warranty period	5 years
Light source colour	740 neutral white	Outdoor optic type	Distribution symmetrical 50
Light source replaceable	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. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	Number of products on MCB	11
Driver included	Yes	LED engine type	LED
Optical cover/lens type	G [ Glass]	Product Family Code	BRP708 [ OCEAN ROAD LED]
Luminaire light beam spread	152° x 155°		
Control interface	DALI		
Light regulation	Dimming via external communication DALI		
Connection	Plug-in connector 3-pole Wieland/Adels compatible		
Cable	-		
Protection class IEC	Safety class II		
Flammability mark	NO [ -]		
CE mark	CE mark		

# Ocean Road LED

## Light Technical

Upward light output ratio	0.03
Standard tilt angle post-top	0°
Standard tilt angle side entry	-

## Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power factor (min.)	0.93

## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	MBA [ 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
Effective projected area	0.095 m <sup>2</sup>
Colour	Silver
Dimensions (height x width x depth)	175 x 365 x 611 mm (6.9 x 14.4 x 24.1 in)

## 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

## Initial Performance (IEC Compliant)

Initial luminous flux	3796 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	124 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥70
Initial chromaticity	(0.381, 0.379) SDCM <5
Initial input power	30.5 W
Power consumption tolerance	+/-11%

## 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	L92

## Application Conditions

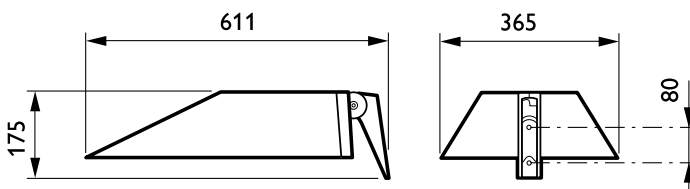
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	20%

## Product Data

Full product code	871869945036600
Order product name	BRP708 LED51-/740 II DS50 SI D9 T25 MB-A
EAN/UPC – product	8718699450366
Order code	45036600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023984
Net weight (piece)	10.450 kg



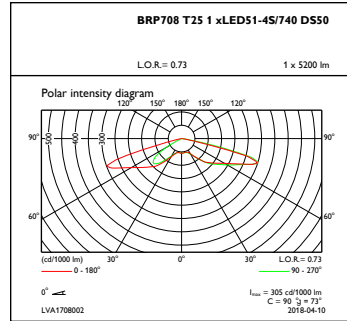
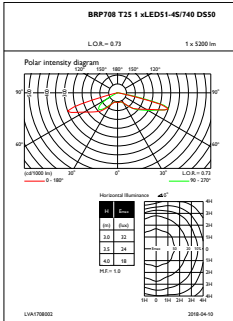
## Dimensional drawing



## Ocean Road LED BRP708

# Ocean Road LED

## Photometric data



OFPL1\_BRP708T251xLED51-4S740DS50

OFPC1\_BRP708T251xLED51-4S740DS50

