



# Ocean Road LED

## BRP708 LED21/740 II DM50 SI D9 T25 MB

OCEAN ROAD LED, LED module 2100 lm, 740 neutral white, Safety class II, Distribution medium 50, Silver, Heavy-duty mounting bracket

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		Lighting Technology	
Lamp family code	LED21 [LED module 2100 lm]	Value ladder	Performance
Light source replaceable	Yes	CE mark	Yes
Number of gear units	Unit	Warranty period	5 years
Driver included	Yes	Flammability mark	-
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	ENEC mark	ENEC mark
		EU RoHS compliant	Yes
Light Technical			
		Upwards light output ratio	0.03
		Luminous Flux	1,680 lm
		Standard tilt angle post-top	0°
		Standard tilt angle side entry	-
		Correlated Colour Temperature	4000 K
		Luminous efficacy (rated) (nom.)	124 lm/W
		Colour rendering index (CRI)	≥70
		Light source colour	740 neutral white
Light source engine type	LED		
Product family code	BRP708 [OCEAN ROAD LED]		

## Ocean Road LED

Optical cover type	Glass
Luminaire light beam spread	30° – 5° x 153°
Optic type outdoor	Distribution medium 50

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	15 A
Inrush time	0.295 ms
Power Consumption	13.6 W
Power Factor (Fraction)	0.98
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	29

### Temperature

Ambient temperature range	-40 to +50 °C
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### 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	Heavy-duty mounting bracket
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	549 mm
Overall width	365 mm
Overall height	135 mm

Effective projected area	0.095 m²
Dimensions (height x width x depth)	135 x 365 x 549 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 LED21/740 II DM50 SI D9 T25 MB
Full product name	BRP708 LED21/740 II DM50 SI D9 T25 MB
Full EOC	871869945035900
Order code	45035900
Material no. (12 NC)	912300023983
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699450359
Numerator – packs per outer box	1
EAN/UPC - Case	8718699450359

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### Dimensional drawing

