



# 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

The graceful and fluid lines of Ocean Road LED harmonize discreetly with all types of urban environment. This modular luminaire can be combined with various sets, such as straight, curved and inclined poles, brackets and wall-mounted luminaires. Designed for heights of 4 to 9 m, Ocean Road LED combines compactness, finesse and efficiency. Thanks to the LED engine, and use of application tailored optics, Ocean Road LED delivers outstanding quality of light and light performance, enabling significant energy savings.

### Product data

General Information			
Lamp family code	LED21 [LED module 2100 lm]	Light source engine type	LED
Light source replaceable	Yes	Service tag	Yes
Number of gear units	1 unit	Product family code	BRP708 [OCEAN ROAD LED]
Driver included	Yes	Lighting Technology	LED
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	Value ladder	Performance
		CE mark	Yes
		Warranty period	5 years
		Flammability mark	-
		ENEC mark	ENEC mark
		EU RoHS compliant	Yes
		Light Technical	
		Upward light output ratio	0.03
		Luminous Flux	1,680 lm
		Standard tilt angle posttop	0°

# Ocean Road LED

Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	124 lm/W
Color rendering index (CRI)	≥70
Light source color	740 neutral white
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	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Silver
Mounting device	Heavy-duty mounting bracket
Optical cover shape	Flat
Optical cover 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 until 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 100000 h	10 %
Lumen maintenance at median useful life* 100000 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 product code	871869945035900
Order code	912300023983
Material Nr. (12NC)	912300023983
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

