PHILIPS Lighting



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	
Lamp family code	LED21 [LED module 2100 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]

Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	-
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

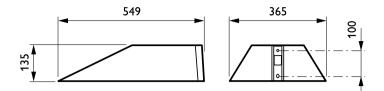
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Optical cover type	Glass	Effective projected are
Luminaire light beam spread	30° - 5° x 153°	Dimensions (height x v
Optic type outdoor	Distribution medium 50	
		Approval and Appli
Operating and Electrical		Ingress protection cod
Input Voltage	220 to 240 V	Mech. impact protectio
Line Frequency	50 to 60 Hz	Surge Protection (Com
Inrush current	15 A	_
Inrush time	0.295 ms	Sustainability rating
Power Consumption	13.6 W	Protection class IEC
Power Factor (Fraction)	0.98	_
Connection	Plug-in connector 3-pole Wieland/Adels	Initial Performance
	compatible	Luminous flux tolerand
Cable	-	Initial chromaticity
Number of products on MCB of 16 A	type 29	Power consumption to
В		Init. Color Rendering Ir
Temperature		Over Time Perform
Ambient temperature range	-40 to +50 °C	Control gear failure rat
		useful life 100,000 h
Controls and Dimming		Lumen maintenance at
Dimmable	Yes	- life* 100,000 h
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface	DALI	Application Conditi
Constant light output	No	Performance ambient
		Maximum dim level
Mechanical and Housing		
Housing material	Aluminium die cast	Product Data
Reflector material	Polycarbonate	Order product name
Optic material	Polycarbonate	Full product name
Optical cover/lens material	Glass	Full EOC
Fixation material	Aluminium	Order code
Housing Colour	Silver	Material no. (12 NC)
Mounting device	Heavy-duty mounting bracket	SAP numerator - quar
Optical cover/lens shape	Flat	EAN/UPC — Product/0
Optical cover/lens finish	Clear	Numerator – packs pe
Overall length	549 mm	EAN/UPC - Case
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 Comp	liant)	
Control gear failure rate at median	10 %	
useful life 100,000 h		
Lumen maintenance at median useful	L97	
life* 100,000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
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





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