# **PHILIPS** Lighting



# **Ocean Road LED**

# BRP708 LED60/830 I DN10 SI D9 FU T25 MB

OCEAN ROAD LED, LED module 6000 lm, 830 warm white, Safety class I, Distribution narrow 10, Silver, Fuse included, 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	LED60 [LED module 6000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	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

Light source engine type	LED
Service tag	Yes
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	
Upward light output ratio	0.03
Luminous Flux	4,800 lm
Standard tilt angle posttop	0°

## Ocean Road LED

Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	108 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optical cover type	Glass
Luminaire light beam spread	26° - 7° x 157°
Optic type outdoor	Distribution narrow 10

#### **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	44.5 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 10

#### в

Temperature

Ambient temperature range

Controls and Dimming	
Yes	
Power supply unit with DALI interface	
DALI	
No	

-40 to +50 °C

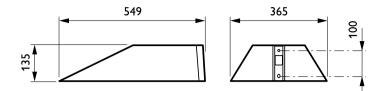
#### Mechanical and Housing

-	
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 I
Initial Porformance (IEC Compliant)	
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.410, 0.390) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median	10 %
useful life 100000 h	
Lumen maintenance at median useful	1.07
	L97
life* 100000 h	197
life* 100000 h	L97
life* 100000 h Application Conditions	L97
	25 ℃
Application Conditions	
Application Conditions Performance ambient temperature Tq	25 °C
Application Conditions Performance ambient temperature Tq Maximum dim level	25 °C 20%
Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	25 °C 20% BRP708 LED60/830 I DN10 SI D9 FU T25 M
Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	25 °C 20% BRP708 LED60/830 I DN10 SI D9 FU T25 M
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Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	25 °C 20% BRP708 LED60/830 I DN10 SI D9 FU T25 M BRP708 LED60/830 I DN10 SI D9 FU T25 M 871869945037300 912300023985 912300023985
Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	25 °C 20% BRP708 LED60/830 I DN10 SI D9 FU T25 M BRP708 LED60/830 I DN10 SI D9 FU T25 M 871869945037300 912300023985 912300023985 1

## **Ocean Road LED**

#### Dimensional drawing





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