# Ocean Road LED – discreet elegance and fluidity shaping contemporary urban environments

## Ocean Road LED

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.

**Benefits**
- Energy-efficient luminaire
- Suitable for both renovation projects and new installations
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

**Features**
- Fluid, graceful design
- Choice of dedicated optics
- Can be combined with a variety of supports, including straight, curved and inclined poles, single and double brackets and wall-mounted fixtures

# Ocean Road LED

## Application

· Main roads and side streets, pedestrian areas, squares, paths, boulevards and avenues

## Specifications

| | |
|---|---|
| **Type** | BRP708 |
| **Light source** | Integral LED-module |
| | Philips Xitanium Driver |
| **Power** | Up to 85 W depending on configuration |
| **Luminous flux** | 1400 - 6900 (warm white), 1700 - 7600 lm (neutral white) depending on LED configuration |
| **Luminaire efficacy** | Up to 130 lm/W |
| **Correlated Color Temperature** | 3000 - 4000 K |
| **Color Rendering Index** | 80 - 70 |
| **Lumen maintenance at median useful life\* 100000 h** | up to L95 |
| **Control gear failure rate at median useful life 100000 h** | 10% |
| **Performance Ambient Temperature Tq** | +25 ºC |
| **Operating temperature range** | –25 to +35 ºC |

| | |
|---|---|
| **Driver** | Built-in (self ballasted LED-module) |
| **Mains voltage** | 220-240 V / 50-60 Hz |
| **Inrush current** | 40 W: 22 A/ 290 µs |
| **Dimming** | LumiStep (LS), DynaDimmer (DDF), LineSwitch (D11), DALI |
| **Optic** | DN10, DN11,DM10, DM11, DM12, DM30, DM31, DM50, DM70, DW10, DW50, DX10, DX50, DX51, DX70, DS50, DPR1, DPL1 |
| **Optical cover** | Flat glass, clear |
| **Material** | Housing: high-pressure aluminum |
| | Glass: thermally hardened, 5 mm thick |
| **Color** | Housing: silver or ultra-dark grey, approx RAL 7043 (GR) |
| | Other RAL or AKZO Futura colors available on request |
| **Maintenance** | Light module exchangeable by opening clip of the canopy |
| **Installation** | Direct fixation: MB |
| | Articulated Fixation: MB – A20 |
| | Ocean Road LED dedicated bracket |
| | Recommended mounting height: 4 - 8 m |
| | Weight: 11 kg max |
| | Max SCx: 0.05 m² |

## Versions



**Ocean Road LED BRP708 road-lighting luminaire, fixed version**



**Ocean Road LED BRP708 road-lighting luminaire, adjustable version**

# Ocean Road LED

## Application conditions

| | |
|---|---|
| Maximum dim level | 20% |

## Approval and application

| | |
|---|---|
| Mech. impact protection code | IK08 |
| Surge Protection (Common/ Differential) | Luminaire surge protection level until 6 kV differential mode and 6 kV common mode |

## Controls and dimming

| | |
|---|---|
| Dimmable | Yes |

## General information

| | |
|---|---|
| CE mark | CE mark |
| Optical cover/lens type | Glass |
| Driver included | Yes |
| Flammability mark | – |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Product Family Code | BRP708 |
| Service tag | Yes |

## Light technical

| | |
|---|---|
| Standard tilt angle side entry | – |
| Standard tilt angle posttop | 0° |
| Upward light output ratio | 0.03 |

## Mechanical and housing

| | |
|---|---|
| Color | Silver |

## General information

| Order Code | Full Product Name | Luminaire light beam spread | Light source color | Lamp family code | Optic type |
|---|---|---|---|---|---|
| 912300023983 | BRP708 LED21/740 II DM50 SI D9 T25 MB | 30° – 5° x 153° | 740 neutral white | LED21 | Distribution medium 50 |
| 912300023985 | BRP708 LED60/830 I DN10 SI D9 FU T25 MB | 26° – 7° x 157° | 830 warm white | LED60 | Distribution narrow 10 |
| 912300023986 | BRP708 LED92/740 I DM50 SI DDF3 T25 MB | 30° – 5° x 153° | 740 neutral white | LED92 | Distribution medium 50 |
| 912300023984 | BRP708 LED51/740 II DS50 SI D9 T25 MB-A2 | 152° x 155° | 740 neutral white | LED51 | Distribution symmetrical 50 |

## Initial performance (IEC compliant)

| Order Code | Full Product Name | Init. Corr. Color Temperature | Init. Color Rendering Index | Initial luminous flux |
|---|---|---|---|---|
| 912300023983 | BRP708 LED21/740 II DM50 SI D9 T25 MB | 4000 K | ≥70 | 1680 lm |
| 912300023985 | BRP708 LED60/830 I DN10 SI D9 FU T25 MB | 3000 K | ≥80 | 4800 lm |

| Order Code | Full Product Name | Init. Corr. Color Temperature | Init. Color Rendering Index | Initial luminous flux |
|---|---|---|---|---|
| 912300023986 | BRP708 LED92/740 I DM50 SI DDF3 T25 MB | 4000 K | ≥70 | 6992 lm |
| 912300023984 | BRP708 LED51/740 II DS50 SI D9 T25 MB-A2 | 4000 K | ≥70 | 3796 lm |

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