

## Applications

- ROV & Manned Submersible Illumination
- General Purpose Lighting
- Tasks Inspection & Survey

# OE11-201 / SeaLED 201



## AC Led Underwater Light

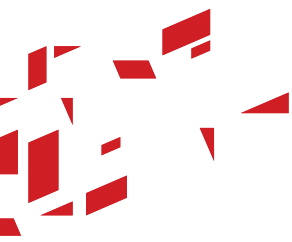
- 4800 Lumen Output
- 100° Beam Coverage
- 6000msw Depth Rating

The SeaLED 201 is a rugged, AC, LED lamp, designed as general-purpose lighting for ROV and manned submersible deployment applications.

The lamp is fitted with a high-intensity LED emitter, producing a broad (100°) and even beam of cool white light with a minimum measured illumination of 4800 lumens. With a 0-10V dimming feature, luminous output can be varied in intensity.

The SeaLED 201 utilises an extremely rugged titanium alloy housing depth rated for 6000msw operation. The SeaLED 201 is optionally available with a 2000msw aluminium alloy housing.

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## OE11-201 / Sealed 201

### Technical Specifications

Electrical		
Lighting	General Purpose LED lamp	
Total Luminous Output	4800 Lumens (typical)	
Illuminance @ 1 metre	1760 Lux @ 1m	
Beam Angle	100° in water (half power points) 100° in air (half power points)	
Colour Temperature	5000K nominal	
LED Life	>50,000 hours if adequately cooled	
Power Input	100 to 240 VAC, 45W	
Dimming	0-10 VDC	
Mechanical		
Dimensions	Diameter: 103.2mm Length: 191.8mm (excl. connector)	
Weight	6000msw Titanium	2000msw Aluminium
	In Air: 3.8Kg In water: 2.3Kg	In Air: 2.7Kg In water: 1.2Kg
Shipping Weight	6.8Kg	4Kg
Housing Material	Titanium alloy 6AL/4V ASTM B3 48 GRADE 5	Aluminium alloy, hard anodized, black
Connector	Subconn MCBH4MTI connector (Dimming Control)	
Connector Position	Mounted on rear of housing	
Environmental		
Operating Depth	6000msw or 2000msw (Aluminium)	
Temperature	Operating: -5°C to 40°C (In Water) Storage: -20°C to 60°C	
Shock	30G peak acceleration, 25ms half sine duration, on all three axes	
Vibration	10G, from 20 to 150HZ on all three axes	
Electro-Magnetic Compatibility	BS EN 61000-6-3 2007 Emission and BS EN 61000-6-1 2007 Immunity	

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