

## Applications

- Diver, Inspection and ROV illumination

# OE11-153 / SeaLED 153



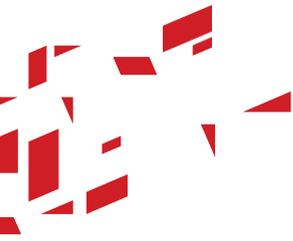
## LED Underwater Lamp

- 1,700 Lumen Output
- 67° Beam Coverage
- 3000msw Depth Rating

The SeaLED 153 is a compact and rugged underwater LED lamp, designed specifically for diver and ROV deployment applications.

The lamp is fitted with a high-density LED array, producing a broad and even beam of warm white light with a luminous output of 1700 lumens and a minimum measured illumination of 1026 Lux at 1 metre. The SeaLED153 is the perfect tool for the demanding requirements of underwater video tasks where accurate colour replication is essential.

The SeaLED 153 Led lamp is a basic, no frills plug & play unit and has a wide (67°) beam angle. The SeaLED153 utilizes a robust 3000msw anodized aluminum alloy housing.



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- Diver, Inspection and ROV Illumination

## OE11-153 / Sealed 153

### Technical Specifications

Electrical	
Lighting	LED lamp
Total Luminous Output	1,700 Lumens (typical)
Illuminance @ 1 metre	1026 Lux
Beam Angle	67° in water 95° in air
Colour Temperature	5000K (various colour temperatures available on request)
LED Life	>50,000 hours if adequately cooled
Power Input	18 to 30 VDC, (24 VDC – 24.5W, 1.02A)
Inrush Current	1.4A
Mechanical	
Dimensions	Diameter: 55mm Front body, 48mm rear body Length: 58.3mm (excl. connector)
Weight	In air: 0.30kg In water: 0.16kg
Shipping Weight	0.5kg
Housing Material	HE30T6 marine grade Aluminum
Connector	Subconn MCBH3M connector (other connector options are available)
Optional connectors: -	Pin 1: 0V
LPBH3M, BH4M	Pin 2: +18 to 30VDC
XSG-3-BCL-HP	Pin 3: N/C
Environmental	
Operating Depth	3000 msw
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

