

LED lamp

oe11-150r



- Red light output
- Low fish impact
- Low maintenance compact design

Kongsberg Maritime's lamps have been designed to address the specific requirements of high quality video inspection and observation tasks under water and in harsh environments.

The OE11-150R is a compact and powerful LED inspection lamp which utilises the latest high brightness Lamp Emitting Diodes.

Incorporating red LEDs, the OE11-150R is suitable for fisheries research and aquaculture applications. The dimmable OE11-150R has a wide 68° beam and minimum measured illumination of 0.85W/m² @ 1m from 50W power.

The OE11-150R is depth rated to 4,500 metres and the low maintenance LEDs have >50,000 hours of life (if adequately cooled).

Standard Features

Electrical

Lighting	LED Lamp
Illumination at 1m	0.85W/m ² (minimum)
Beam	68° in Water
Wavelength	Red (617nm)
LED Life	>50,000 hours if adequately cooled
Power Input	18 to 30V, nominal 24V dc (50 Watts)
Electro-Magnetic Compatibility	BS EN 61000-6-3 2007 Emission BS EN 61000-6-1 2007 Immunity

Environmental

Water Depth	4,500 metres
Temperature	Operating -5°C to +40°C in Water Storage -20°C to +60°C
Vibration	10g, 20-150Hz
Shock	30g peak, 25mS half-sine pulse

Mechanical

Diameter (Main Body)	95mm
Overall Length	114mm (excluding connector)
Weight	Air 1.1 Kg Water 0.6 Kg
Standard Housing	Marine Grade Aluminium 6082-T6, Anodized and dyed black to OPS2A
Standard Connector	LPBH 3M Pin 1: 0V Pin 2: +18-30V Pin 3: 0-10V Dimming Control

