

## LED lamp

oe11-150f



- Fluorescent dye compatible
- Low power, long life
- 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 OE11-150F is a compact and powerful LED inspection lamp which utilises the latest high brightness Lamp Emitting Diodes chosen to provide maximum performance in Fluorescent Dye Leak Detection operations.

The dimmable OE11-150F has a wide 68° beam and minimum measured illumination of 1.2W/m<sup>2</sup> @ 1m from 50W power.

The OE11-150F 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	1.2W/m <sup>2</sup> (minimum)
Wavelength	As applicable to the dye in use
Beam	68° in Water
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 (excl. 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

**KONGSBERG**

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