

OE11-150



KONGSBERG



January 2016

LED LAMP

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

The dimmable OE11-150 has a wide 80° beam, a luminous output of 2,460 lumens and minimum measured illumination of 800 Lux @ 1m.

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

A polished stainless steel housing option is also available.

Applications

- **Inspection**
- **Observation**

TECHNICAL SPECIFICATIONS

Electrical

Lighting	LED Lamp
Total Luminous Output	2,460 Lumens (typical)
Illumination at 1m	800 Lux (minimum)
Beam	80° in water (82° in Air)
Colour Temperature	6,500K nominal (various colour temperatures available upon request)
LED Life	>50,000 hours if adequately cooled
Power Input	18 to 30V dc, 54W nominal (18V dc - 57.6W, 3.2A) (30V dc - 50.1W, 1.67A)
Inrush Current	>4A

Mechanical

Diameter (Main Body)	95mm
Overall Length	114mm (excluding connector)
Weight	1.1 Kg in Air, 0.6 Kg in Water
Housing Material	Anodised aluminium alloy HE30T6 to BS1474
Standard Connector	LPBH 3M Pin 1: 0V Pin 2: +18-30V Pin 3: 0-5V Dimming Control

Environmental

Water Depth	4,500 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

Options

Electro polished stainless steel housing, 0-10V dimming control option

Specifications subject to change without any further notice

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