

Underwater HID lamp

oe11-143



- High Intensity
- Exceptional Luminous Efficiency
- Hot Strike

The oe11-143 is the latest addition to Kongsberg Maritime's range of underwater HID lamps.

The lamp head and ballast units are in separate housings to simplify installation on any underwater vehicle that would benefit from its exceptional light output.

The oe11-143 HID lamp offers luminous output efficiency providing more than 5 times improvement in light output compared to an incandescent lamp with similar input power characteristics.

The oe11-143 can be used on existing lamp power supply circuits.

The bulb life span is at least 8 times longer compared to Halogen.

Standard Features

Electrical

Lighting	Discharge Ceramic St™
Light Output	5,600 Lux @ 1 metre
Beam	±55° to 50% in Water
Colour Temperature	3,200K
Bulb Life	>4,000 Hours
Power Input	90 to 265V ac, 50 – 60Hz, 6.2 Amps
Burning Position	Any
Electro-Magnetic Compatibility	EN50081-1 Emission/ EN50082-1 Immunity

Environmental

Water Depth	4,500 metres
Temperature Range	Operating -5°C to +40°C in Water Storage -20°C to +60°C
Vibration	10g, 20-150Hz, 3-axes (non operating)
Shock	30g peak, 25mS half-sine pulse

Mechanical

Lamp Head

Diameter	90mm (main body), 150mm (reflector)
Length	260mm (excl. connector)
Weight	2.6Kg in Air, 1.1Kg in Water

Ballast Unit

Diameter	110mm
Length	215mm (excl. connectors)
Weight	3.7Kg in Air, 1.6Kg in Water

Material

Housings	Titanium Ti-6Al-4V
Reflector	Impact resistant polypropylene
Standard Connector	Burton 5506-1503



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