

Underwater HID lamp

oe11-141



- High Intensity
- Exceptional Luminous Efficiency
- Hot Strike

The oe11-141 is the latest addition to Kongsberg Maritime's range of underwater HID lamps.

It is an extremely compact integrated lamp/ballast assembly, equally suitable for the large or smaller ROV.

The oe11-141 HID lamp offers exceptional luminous output efficiency providing more than 6 times improvement in luminous output compared to an incandescent lamp with similar input power characteristics.

Standard Features**Electrical**

Lighting	Metal Halide Bulb
Light Output	1,600 Lux @ 1 metre
Beam	±55° to 50% in Water
Colour Temperature	4,200K
Bulb Life	>3,000 Hours
Power Input	10 to 16V dc/50 Watts, 24V dc/50W also available
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

Diameter	80mm (main body), 150mm (reflector)
Length	170mm (excl. connector)
Weight	1.82Kg in Air, 1.15Kg in Water
Standard Housing	Titanium Ti-6Al-4V
Reflector	Impact resistant polypropylene
Standard Connector	Burton 5506-1502
	Pin 1: +10 to 16V dc
	Pin 2: 0V dc

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