

HID lamp

oe11-141



- High intensity floodlight
- Exceptional luminous efficiency
- Hot strike

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

The OE11-141 HID Lamp is an extremely compact floodlight with an integrated lamp/ballast assembly, equally suitable for the large or smaller ROV. It is also suitable for use in dry environments.

The 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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