

High Intensity, Low Power Underwater HID Lamp



Kongsberg Maritime introduces new lamps to complement leading range of underwater cameras. The new oe11-143 Underwater HID Lamp provides an increased light output compared to a conventional filament based lamp, whilst still only using the same amount of power.

Designed specifically for ROV/AUV and other underwater vehicle use, the oe11-143 gives in the region of 5 times the light output - 5600 Lux @ 1 metre - of a conventional 250 Watt filament lamp so by replacing conventional bulbs an immediate increase in lumens without additional power demand is obtained. And this leads to higher quality pictures from the underwater cameras the ROV/AUV is carrying.

The oe11-143 is particularly useful when upgrading to High Definition cameras as in addition to the increased illumination, the colour temperature of 3200K exactly matches the 'indoor' setting of the Kongsberg Maritime oe14-502 HD camera and also matches the colour temperature of conventional filament bulbs. This means that existing colour cameras that have been set for 'indoor' colour temperature on the ROV will still provide true colour rendition.

The oe11-143 uses the same power input as conventional lamps and boasts a bulb life of at least eight times longer compared to halogen bulbs, at more than 4000 hours. It features a depth rating of 4500 metres and can operate in water temperatures from -5°C to +40°C making it suitable for every ROV/AUV job possible. It is also simple to install as the lamp head and ballast units are in separate housings.

Kongsberg Maritime also launched the cost effective oe11-141 Underwater HID Lamp at Seawork 2008, which offers similar performance to the oe11-143.