



ROVTECH SOLUTIONS

Harsh Environment Problem Solvers



The v1 LED was developed to replace the former RSL standard Halogen Lamps. The LED Ring has been developed purely for RSL and during extensive underwater trials we have found that the LED light performs much better in bad visibility than the previous standard quartz halogen lamp.

This is due to the fact that the wavelength emitted by the LED light is standard and does not excite a lot of the organic and inorganic items in the water, thereby reducing backscatter to a minimum

The 316 Stainless Body and the internal heat Sink allows the LED to remain stable when immersed.

The light is fitted with a standard Subconn connector, however this can be specified by the Client



Halogen

Image taken using Hi Spec Seacam @ 4m



LED

Housing Material: Hard Anodised Aluminium/316 Stainless Steel

Length: 41.5mm Excl Connector
Diameter: 82mm front
52.2mm back

Window/Lens: Fused Silica

Lamp Type: RSL Multi LED Array

Weight in Air: 0.9 Kg (S/Steel)
Operating Depth: Up to 3000m

Mount: 2x5mm Threaded Holes

Power Requirements: 2A 20-30 vdc
Typical Luminous Intensity:
@1m 800+ Lux

Typical Colour Temperature:
6000 Kelvin (Options available)
Typical LED Life: +60,000 Hours

Standard Connector:
Subconn BH3m

Optional Connectors: As Required

Rovtech Solutions
Unit 16, Andrews Court
Andrews Way
Barrow in Furness
Cumbria
LA14 2UE

+44(0)1229 822121

info@rovtechsolutions.co.uk

rovtechsolutions.co.uk