

Benefits:

- No fragile filaments
- Rugged Construction
- Highly shock and vibration resistant
- Average lifetime greater than 100,000 hours
- Enormous "In Service" cost saving over incandescent bulbs
- Available in various colour temperatures

SeaLED

High Intensity Underwater LED Lamp

The LED-K-Series lamps are available with either 2100 or 3200 lumens output and various colour temperature options.

Rated to operate at 3000m ocean depth, the lamps are manufactured with anodised Aluminium housing as standard with options for Titanium or Stainless Steel, all offering proven corrosive resistance.

The 80 diagonal wide beam angle light produced is ideal for colour video inspection of viewing tasks.



SeaLED

High Intensity Underwater LED Lamp

seatronics

Specifications	
Housing Material	Hard Anodized 6082 T6 Aluminium
Optional Housing Materials	Titanium Stainless Steel
Length	89mm (3.5in) excluding connector
Diameter	76mm (3in) front end 31.75mm (1.25in) body
Window / Lens	Acrylic
Weight in Air	Aluminium 0.460kg (1.01 lbs) Titanium 0.670kg (1.48 lbs) Stainless Steel 1.080kg (2.38 lbs)
Operating Depth	3000m (9842ft)
Operating Temperature	-10 ° C to +40 ° C
Thermostat Cut-Off	Thermal limiting circuit
Typical Beam Angle	80 ° to 50% power points
Voltage	24Vdc
Power Requirement	1000mA (2100 lumen model) 1600mA (3200 lumen model)
Typical Luminous Flux	2100 or 3200 lumens
Typical Luminous Intensity @ 1m	820 lux (2100 lumen model) 1365 luc (3200 lumen model)
Dimming	0-5Vdc, 0-10Vdc, Bi-polar, RS-485
Typical Colour Temperature	6600 kelvin (options available)
Standard Connector	MCBH3M
Optional Connectors	A wide range of connectors
Lumen Maintenance (70%)	50,000 hours