

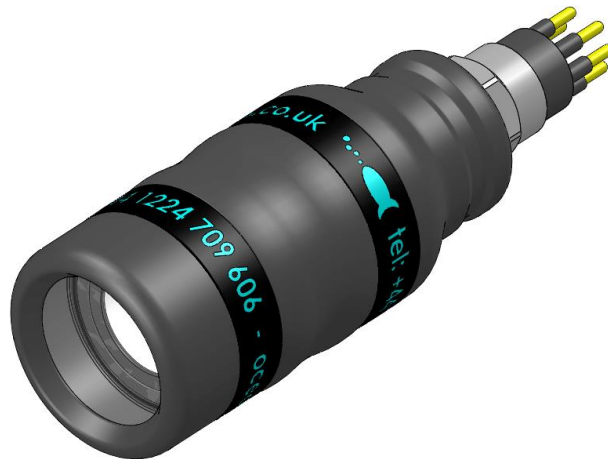


OceanTools

L3 OceanLED

Compact subsea LED lamp

Compact flood and spot lamps with up to 1750 lumen output for smaller ROV systems, supporting either serial or analogue control.



The OceanTools **L3 OceanLED** subsea lamp utilises the very latest in LED technology and optics to generate an output of up to 1750 lumens. The lamps are available in both flood and spot versions, and form part of a range of subsea lamps designed by OceanTools based on client requirements.

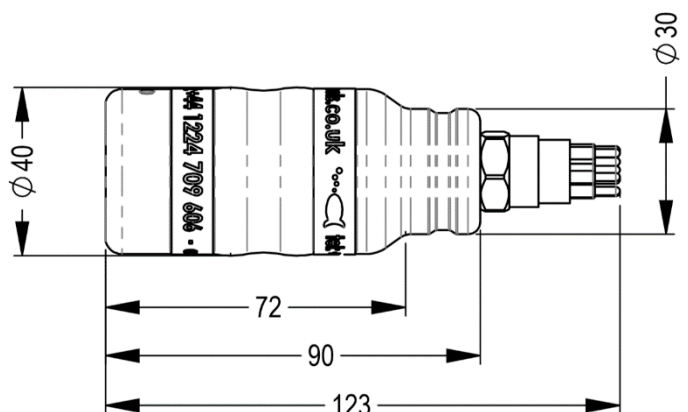
The compact and rugged **L3** housings have been designed to suit smaller ROV systems, and are available in two depth ratings – 4000m aluminium and 8000m titanium – with provision for a mounting bracket or clamp.

Key Product Features

- Operating life > 50,000 hours
- Flicker free intensity control using RS485 or Analogue
- Field serviceable including in-field replacement of LED board
- Wide flood or focused spot versions
- Multiple colour temperature options
- Provision for mounting bracket or clamp

Key Product Benefits

- 30 month standard OceanTools warranty
- Low lifetime cost of ownership
- Highly versatile and multi-functional
- Ease of system integration





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Specifications

	L3 Flood	L3 Spot
Environmental		
Depth rating	4000 or 8000 metres	
Operating temperature	-10°C to +40°C	
Storage temperature	-30°C to +70°C	
Electrical		
Input voltage	24VDC (12-32VDC)	
Maximum current	700mA @ 24VDC	
Dimming	RS485 or 0-5/10VDC	
Optical		
Light output	Up to 1750 lumens	
Lumen maintenance	> 50,000 hours	
Efficiency (typical)	Up to 140 lumens/Watt	
Illuminance at 1m	650 lux	2070 lux
Colour temperature	5700 Kelvin (6500 or 3700 Kelvin optional)	
Colour accuracy	70 CRI (all colour temperatures)	
Beam angle	Flood 110°	Spot 60°
Mechanical		
Housing	Anodised Aluminium (4000m) or Titanium (8000m)	
Window	Sapphire	
External diameter	40mm	
External length	90mm	
Weight in air *	0.4kg	
Weight in water *	0.2kg	
Connector	Seacon / Subconn MCBHMP SS (others on request)	
* 4000m rated version		

Product datasheets, GA drawings, case studies and other supporting documents are available to download from data.oceantools.co.uk

All specifications are subject to change without notice. E&OE.

Version 6 (29.07.2020)



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