



OceanTools

L3 Subsea Light

Compact subsea LED lamp

Compact subsea lamps with up to 2250 lumen output for smaller ROV systems, supporting either serial or analogue control.



The OceanTools **L3** subsea lamp utilises the very latest in LED technology and optics to generate an output of up to 2250 lumens. The narrow beam spot lamps form part of a range of subsea lamps designed by OceanTools based on client requirements.

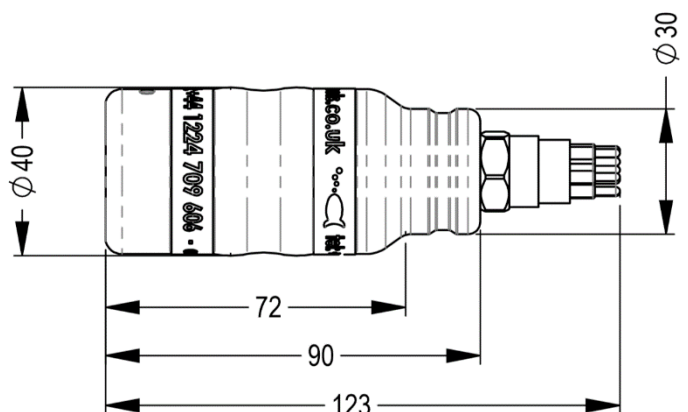
The compact and rugged **L3** housings have been designed to suit smaller ROV systems, and are available in two depth ratings – 4000m aluminium and 8000m titanium – with provision for a mounting bracket or clamp.

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
- Provision for mounting bracket or clamp

Key Product Benefits

- Low lifetime cost of ownership
- Highly versatile and multi-functional
- Ease of system integration





OceanTools

L3 Subsea Light

Compact subsea LED lamp

Specifications

	L3 Lamp
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	1A @ 24VDC
Dimming	RS485 or 0-5/10VDC
Optical	
Light output	Up to 2250 lumens
Lumen maintenance	> 50,000 hours
Efficiency (typical)	Up to 140 lumens/Watt
Beam angle	55°
Colour temperature	5700 Kelvin
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	Subconn MCBH5M or Glenair G5507-1506 (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 12 (10.10.2023)



OceanTools Ltd
OceanTools House Claymore Drive Aberdeen AB23 8GD
t: +44 1224 709 606 e: sales@oceantools.co.uk
www.oceantools.co.uk