



OceanTools

L5 OceanLED

Highly versatile subsea LED lamp

DC powered flood and spot lamps with up to 10,000 lumen output, supporting a range of control options including Ethernet.



The OceanTools **L5 OceanLED** subsea lamp utilises the very latest in LED technology and optics to give unrivalled performance and generate a market leading efficiency of more than 140 lumens per Watt, resulting in an output of up to 10,000 lumens.

L5 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 lamp housings 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 control options including RS232, RS485, Ethernet and Analogue
- Field serviceable including in-field replacement of LED board
- 24 LED flood or focused 12 LED 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

	L5 Flood	L5 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	2.5A @ 24VDC	1.5A @ 24VDC
Dimming	RS232, RS485, 0-5/10VDC or Ethernet	
Optical		
Light output	Up to 10,000 lumens	Up to 5,000 lumens
Lumen maintenance	> 50,000 hours	
Efficiency (typical)	> 140 lumens/Watt	
Illuminance at 1m	4455 lux	7000 lux
Colour temperature	6500 Kelvin (5700 or 3700 Kelvin optional)	
Colour accuracy	80 CRI (all colour temperatures)	
Beam angle	Flood 110°	Spot 60° (45° or 35° optional)
Mechanical		
Housing	Anodised Aluminium (4000m) or Titanium (8000m)	
Window	Sapphire Glass	
External diameter	80mm	
External length	100mm	
Weight in air *	0.9kg	
Weight in water *	0.5kg	
Connector	SEACON MCBHMP SS 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.

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