

OceanTools

L8 Subsea Light

High intensity subsea LED panel lamp

Subsea panel flood lamps offering up to 20,000 lumen output with fully software configurable serial and analogue control.

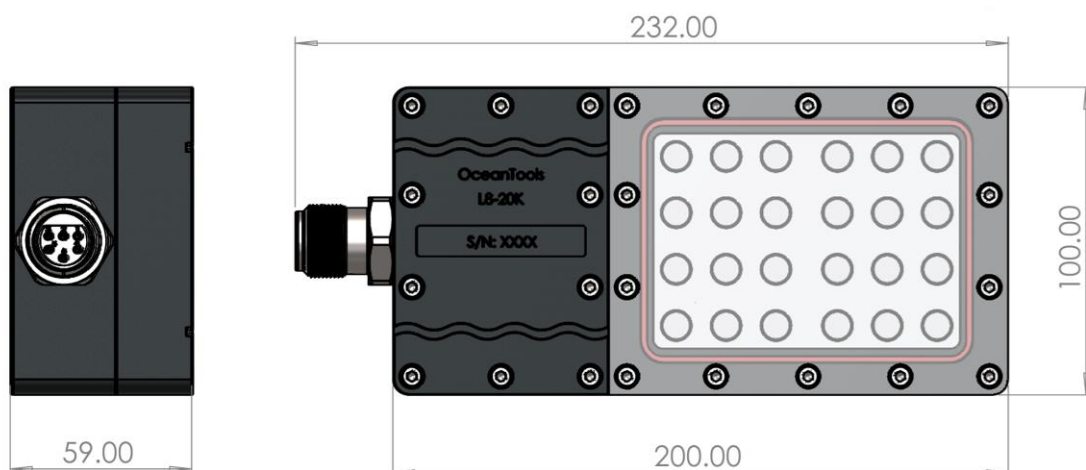


The OceanTools **L8** subsea panel light utilises high density LED technology with 80-CRI colour accuracy and 6500K colour temperature as standard. Designed for ROV, AUV, underwater inspection and seabed clearance applications, it delivers powerful subsea illumination with up to 20,000 lumens output.

The **L8** features software configurable gamma mapping for finer light intensity control, programmable default intensity and maximum current, thermal cut-off and throttling protection. Its flexible control options include a customisable analogue input range and RS232 or RS485 serial control with software selectable bias and termination resistors, supporting an open command set.

Key Product Features

- Flicker free intensity control using RS232, RS485 or analogue
- Fully software configurable light intensity and control settings
- Compact low profile panel design with side mounting points





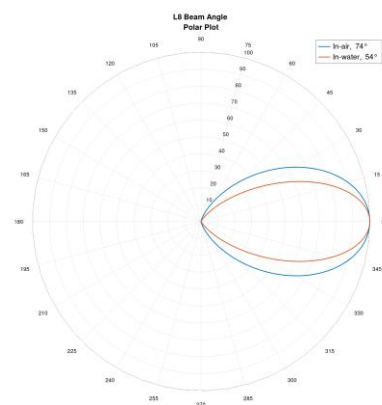
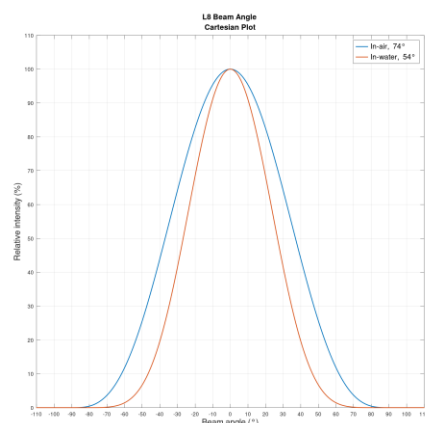
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Specifications

		L8 Lamp
Electrical	Input voltage	24VDC (14–32VDC)
	Maximum current *	6.2A @ 24VDC
	Typical efficient current	3A @ 24VDC
	Dimming control	RS232, RS485 and/or Analogue
Optical	Maximum light output *	20,000 lumens
	Typical efficient output	11,000 lumens
	Lumen maintenance	> 140,000 hours
	Luminous efficacy	> 140 lumens/Watt
	Beam angle in air	74° (FWHM)
	Beam angle in water	54° (FWHM)
	Colour temperature	6500 Kelvin
	Colour accuracy	80 CRI
Environmental & Mechanical	Depth rating	6000 metres
	Operating temperature	-10°C to +40°C
	Housing material	Anodised Aluminium
	Window material	Acrylic
	Length excl connector	200mm
	External width	100mm
	External depth	59mm
	Weight in air	2.7kg (with standard connector)
	Weight in water	1.5kg (with standard connector)
	Standard connector *	Scorpion 5507-1506
* Alternative connector may necessitate current limiting and reduced light output		



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

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