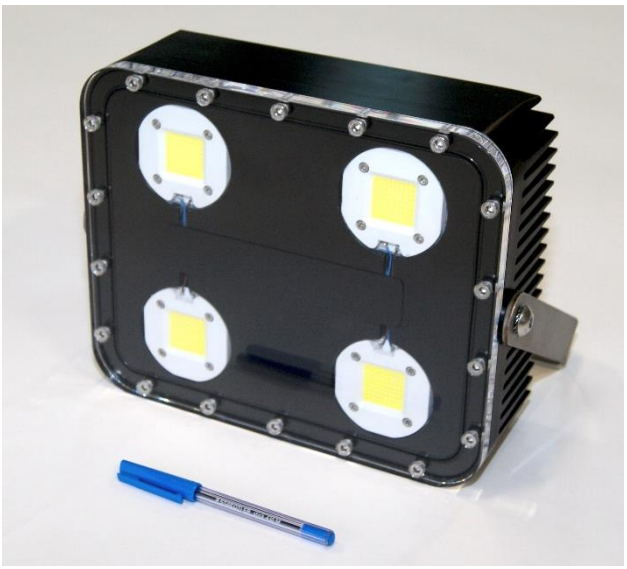
OceanTools
DL50 Deck Light
Submersible LED Deck Light

AC powered LED floodlight designed to illuminate a submersible working platform, both on deck and up to 50m underwater.

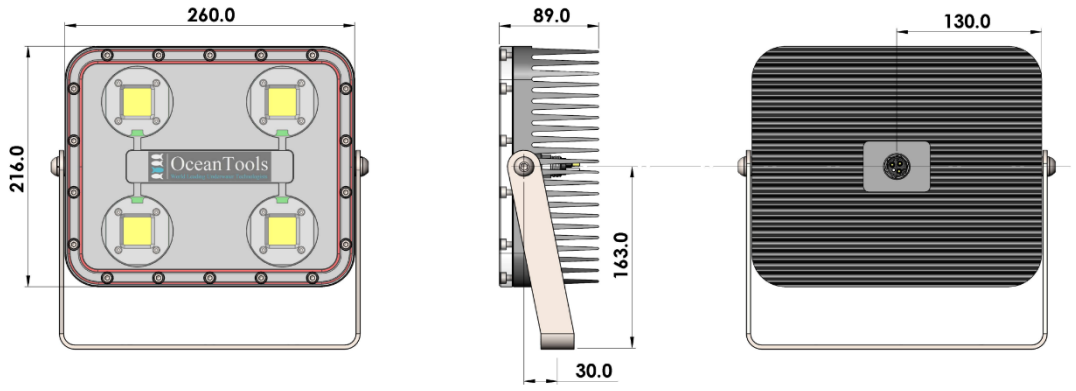


The OceanTools **DL50** submersible marine deck light offers up to 16,000 lumens output from an array of high performance LED units. Light intensity can be adjusted using Triac dimming control if required.

The **DL50** was designed with semi-submersible heavy cargo transport vessels in mind, but potential applications include operation above and below water on yacht transport carriers, offshore platforms or in a range of shallow water environments. The durable aluminium design disperses excess heat, can be submerged to 50m and is fully watertight to protect all internal components. The LED units are individually replaceable, extending service life.

Key Product Features

- 120VAC and 230VAC models
- Fully watertight to 50m
- Subsea electrical connector
- Durable 40-micron hard anodised finish
- Adjustable stainless steel mounting bracket
- Individually replaceable LED units



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Specifications

	DL50 120VAC	DL50 230VAC
Environmental		
Depth rating	50 metres	
Operating temperature	-10ºC to +40ºC	
Operating environment	Air or Water	
Electrical		
Input voltage	120VAC (110–130VAC)	230VAC (220–240VAC)
Maximum current	2A @ 120VAC	1A @ 230VAC
Dimming	Triac Control (optional)	
Optical		
Light output	Up to 16,000 lumens	Up to 15,000 lumens
Beam angle	120–140º	
Colour temperature	6000–6400 Kelvin	
Mechanical		
Housing	Anodised Aluminium	
Window	Clear Acrylic	
Mounting bracket	316 Stainless Steel	
Width	260mm	
Height	216mm (271mm including bracket)	
Depth	89mm	
Weight in air	7.9kg	
Weight in water	2.4kg	
Standard connector	Subconn MCBH3M	

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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