

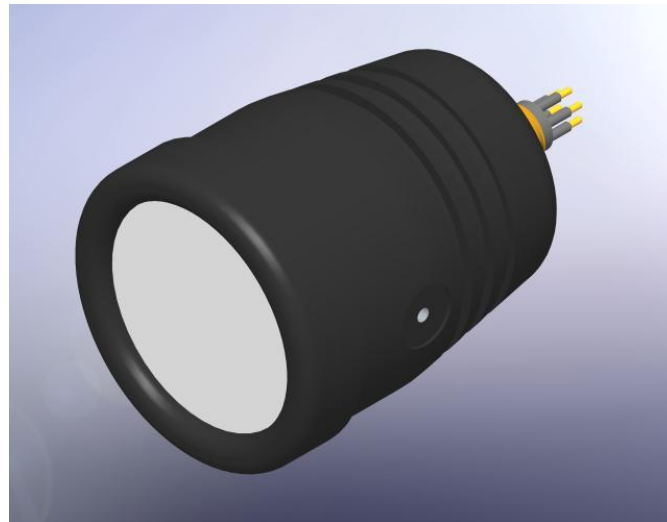


OceanTools

OceanLED

Subsea LED lighting

The **OceanLED** digitally controlled subsea LED lights are designed to operate either as a stand-alone light or to form part of the OceanTools SmartNET network.

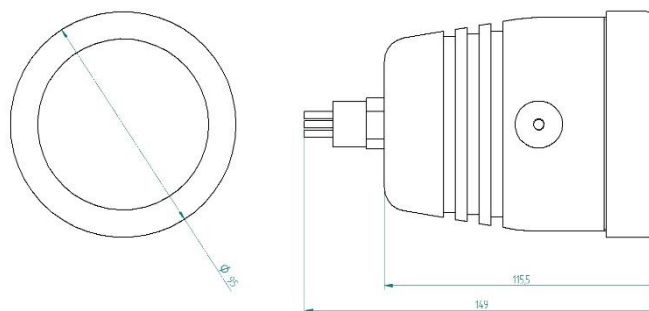


Overview

OceanLED lights are available with either 2200 lumen cool white (5600K) or 1600 lumen neutral white (4100K) outputs thus making them suitable for a wide range of underwater tasks.

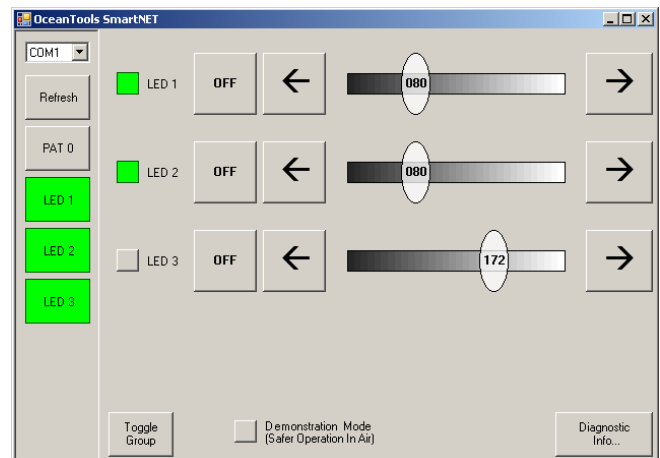
Up to 16 **OceanLED** lights can be connected together either via RS232 or RS485 and powered from a single suitable source. Intensity of all connected lamps is individually controllable using the OceanTools SmartNET Windows user-interface, which can also control the **PT330** range of pan & tilts and camera zoom, focus, iris and white balance on **OceanCAM-SD** cameras.

The **OceanLED** has an acrylic window and a hard anodised aluminium housing with 3000m standard depth rating. Titanium is available as an option.



Key Features

- 3000m standard depth rating
- Aluminium or titanium housings
- No delicate filament
- Low power consumption
- Multiple units can be daisy chained
- MTBF >40,000 hours



Specifications

	OceanLED Cool White	OceanLED Neutral White
Light intensity	2200 lumen	1600 lumen
Colour temperature	5600K	4100K
Beam angle	75°	
Lens material	Acrylic	
Serial interface	RS232 or RS485	
Input voltage	24VDC	
Maximum current	1.75A @ 24VDC	
Length (excl connector)	116mm	
Diameter	95mm	
Material	Hard anodised aluminium	
Weight in air	1.2kg	
Weight in water	0.6kg	
Depth rating	3000m	
MTBF	> 40,000 hours	

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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