

# LEDlite Underwater Lighting

### Features

- Extremely robust
- Dimmer control
- Excellent colour balance
- No hot spots
- L.E.D. 50,000 hours MTBF

### Applications

- Inspection and workclass ROVs
- Ploughs and trenchers
- Marine archaeology
- Harbour security



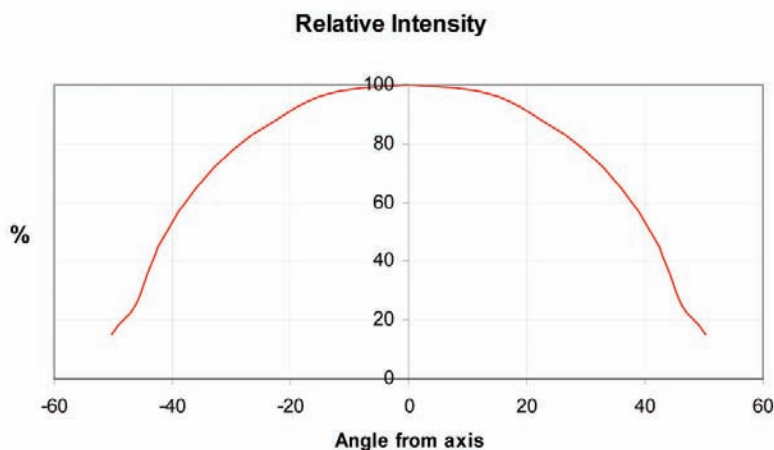
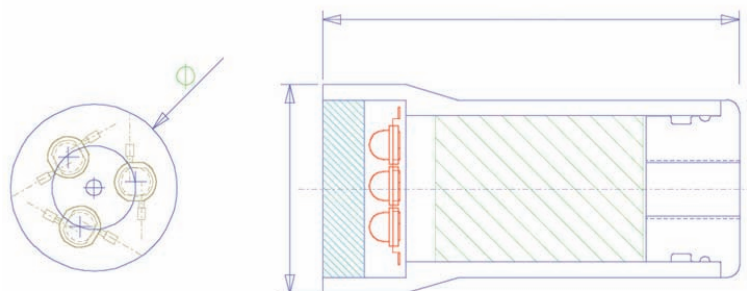
This ultra-durable light has been designed to complement Tritech's range of inspection cameras, and for use as a standard ROV lighting device where reliability is paramount. The colour temperature is ideally matched to most modern underwater cameras.

Based on the very latest L.E.D. technology and incorporating a dimmer control, the LEDlite is a compact solution to subsea lighting requirements. It has an extremely robust stainless steel housing for use in the harshest of environments. Additionally, the unit has no filament and therefore is shock resistant.

The use of light emitting diodes provides a lighting source that will last far longer than any underwater light using a standard filament.

### Specifications

<b>Power supply:</b>	12V-48V
<b>Power consumption:</b>	12W Max
<b>Light output:</b>	>300 Lumens
<b>Colour temp:</b>	5,500k (typical)
<b>Pressure housing:</b>	Stainless steel, 4000m
<b>Max diameter:</b>	40mm
<b>Overall length:</b>	119mm (including connector)
<b>Weight in air:</b>	410g
<b>Weight in water:</b>	330g



Graph showing the relative intensity of the light in comparison to the angle from axis

All specifications are subject to change in line with Tritech's policy of continual product development.

Ref: EDS-LIG-001.6