



# TRIOLight-S

## Compact Underwater LED Light

The SeaTRiO Compact Subsea Light is a powerful and highly adaptable lighting solution designed for a wide range of underwater applications including small ROVs, diver operations, and fixed installations. Operating on 24VDC, this compact unit delivers an impressive 2000 lumens of bright, even illumination, ideal for tasks requiring clear visibility in low-light or turbid underwater environments. Constructed from solid aluminium with a highly scratch-resistant lens, the light is built to withstand demanding subsea conditions while maintaining excellent optical clarity.

Control is flexible and straightforward, with compatibility for RS232, RS485, 0–5V analogue input, or PWM, allowing seamless integration with a variety of control systems. The included topside software is user-friendly and intuitive, enabling operators to easily manage brightness and control settings in real time. Whether used as a primary light on a compact ROV, a diver unit, or part of a larger subsea installation, the SeaTRiO Compact Subsea Light offers reliable performance, ease of use, and high-quality output in a small, rugged form factor.

<b>Power</b>	<b>24V, 1.3A</b>
<b>Operating Temperature</b>	<b>-10° to 45°C</b>
<b>Light output</b>	<b>2000lm</b>
<b>Dimming control</b>	<b>RS232, RS485, PWM, 0-5V/10V (0V-On, 5V-Off)</b>
<b>Connector</b>	<b>MCBH8M or MCBHRA8M, others on request</b>



Model	TRIOLight-S4000	TRIOLight-S6000
Depth Rating	4000m	6000m
Diameter	43mm	43mm
Length	106mm	106mm
Weight in Air	340g	460g
Weight in Water	240g	230g
Material	Anodised Aluminium	Titanium