

CT4013 4800L Mini LED Light

Technical Specification

Model	CT4013
Housing	Titanium (Standard)*
Window	Domed acrylic
Depth Rating	6000 m
Housing Dimensions**	L 92.5 mm × D 70 mm
Weight	354 g (water) / 720 g (air)
Connector	MCBH3M (0–5 V), MCBH5M (RS232/RS485)
Voltage	24 VDC
Operating Current	1 A
Power Consumption	24 W
Dimming Options	0–5 V, RS232/RS485
Typical Luminous Flux	4800 lm
Colour Temperature	5500 K
Beam Angle	125°
Operating Temperature	-10°C to +40°C
Operating Life	50,000 hours

**Alternative housing materials available on request*

***Excluding connector*



Order Code: CT4013-TI

High power compact subsea 4800L Mini LED light with control options

The CT4013 4800L Mini LED Light is a compact and robust subsea LED light designed to deliver high output in a small form factor. Measuring just 92.5 mm in length (excluding connector) with a 70 mm diameter, it provides powerful illumination while remaining easy to integrate into space-constrained systems.

The unit is available with a range of connector and control configurations, making it suitable for integration across diving, marine scientific, and ROV systems. Integrated serial control electronics allow multiple lights to be connected and controlled via RS232, RS485, or 0 to 5 V control.

C-Net, a serial control application for PC, is also available for use with compatible C-Tecnics LED systems.

Applications: ROV operations, Survey, Marine scientific, Commercial diving, Hyperbaric

Rev 1.1 | April 2026 | DS-028