

CT4011 AC/DC LED Light

Technical Specification

Model	CT4011 (DC), CT4011 AC
Housing	Titanium (Standard)*
Window	Domed acrylic
Depth Rating	6000 m
Housing Dimensions**	L 97.5 mm × D 90 mm
Weight	627 g (water) / 1266 g (air)
Connector	MCBH3MSS (0–5 V), MCBH5M (RS232/RS485), others available
Voltage	24 VDC / 110–230 VAC
Operating Current	1.4 A (DC) / 700 mA (AC)
Power Consumption	DC: 33.6 W / AC: ~77–161 W*
Dimming Options	0–5 V, RS232/RS485, Triac, PWM
Typical Luminous Flux	9000 lm (DC) / 18000 lm (AC)
Colour Temperature	5500 K
Beam Angle	125°
Operating Life	50,000 hours

***Alternative housing materials available on request**

****Excluding connector**



Order Code: CT4011-TI (24 VDC), 9000 lm
CT4011-AC-TI (110/230 VAC), 18000 lm

High power subsea LED light with AC and DC configurations

The CT4011 is a high-output subsea LED light, available in both 24 VDC and 110/230 VAC configurations to suit a range of subsea lighting applications. Measuring just 97.5 mm in length (excluding connector) with a 90 mm diameter, it combines a compact, robust design with high-performance illumination.

The domed window design provides wide and even light distribution across the working area. A range of dimming and control options are available, including 0 to 5 V, RS232/RS485, Triac, and PWM, allowing integration with various ROV and control systems.

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-027