

STR SEALIGHT 2



The STR SeaLight LED-2-DC is a highly compact underwater LED, designed to complement a wide range of camera and video inspection systems including the STR SeaSpyder, SeaCam and SeaSpectrum product ranges.

This unit benefits from very high efficiency levels, resulting in 2000lm of illumination for only 12W of electrical power. To achieve this level of illumination

previous generations of LEDs may require 27W or even 80-130W for halogen based lamps. This reduced power consumption aids thermal performance resulting in improved product lifespan. In addition to its high efficiency, the SeaLight LED has been designed to offer a high quality of illumination, providing a wide beam of 5000K daylight colour temperature light.

KEY FEATURES

- 15-32V DC @ 12W
- 2000 Lumens
- 120° Wide Beam Angle
- 4000m Depth Rating
- Light weight, Compact & Durable
- High Efficiency & Long Life
- 0-10V DC Intensity Control

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SEALIGHT LED-2-DC

PROPERTIES	DESCRIPTION
INPUT SUPPLY VOLTAGE	15 to 32VDC
INPUT SUPPLY POWER	12W typical @ 100% illumination
COLOUR TEMPERATURE	5000K
LUMEN OUTPUT	2000lm typical
BEAM ANGLE	120° to 50%
LUMINOUS EFFICACY	160lm/W typical
DEPTH RATING	4000m operational
OPERATING TEMPERATURE	-10°C to 45°C
HOUSING MATERIAL	Titanium housing / sapphire lens
CONNECTOR	MCBH3M / MCIL3F mating half
WEIGHT	300g in air / 170g in water
DIMENSIONS	123m L (145 inc Connector) x 35mm Dia @ head / 30mm Dia @ body
DIMMING CONTROL	0-10V Analogue (Approx 10kOhm load.)
CIRCUIT PROTECTION	Reverse polarity protected over voltage, thermal shut down

All information contained in this brochure may be subject to change without prior notice.