



## SpotLED XR

Battery powered lamp for operation in deep water up to 24 hours.

Designed for illumination in marine and oceanographic research, BRUV, ROV, and underwater inspections without umbilical cable to the surface.

Ideal to be used with **InspecamCorder**.



## SPECIFICATIONS

### PERFORMANCE

Lamp type	LED power chip on board
Light temperature	4500° K
Color rendering index	80
Luminous flux	800 - 3800 lumen
Beam angle	60°
Illuminance	370 - 2000 lux
Operation time	4 hours and 24 hours (adjustable)

### ELECTRICAL

Power source	LIION Battery
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### MECHANICAL

Housing	Aluminium 6061 6T (AISI 316 / Titanium as option)
Finish	Hard anodized
Window	Borosilicate glass BK7
Diameter / Length	80-73 / 305 mm
Weight in air	2 kg
Weight in water	1.26 kg

### ENVIRONMENTAL

Rated depth	3000 m (optional 6000 m)
Operating temperature	-10 °C to 45 °C
Storage temperature	0-120 °C

#### LUMEN & LUX

**Luminous flux** (lumens) is the total light output of a lamp and shows how powerful and efficient the lamp is. Incandescent bulbs provide about 19 lumens/watt and LED typically 150-200 lumens/watt.

**Illuminance** (lux) is the luminous intensity per unit area of light, lumen/m<sup>2</sup>. Lux number depends on lumens, the beam angle and the distance to the surface.