

LUXUS Laser Pointer



The LUXUS laser pointer is a very powerful underwater laser reference tool for use with the LUXUS range of cameras and lights.

The LUXUS laser pointer is ideal as a reference pointer and for size and distance measurements when two units are deployed together. The LUXUS laser pointer is available in red or green.

The LUXUS laser pointer is widely used for ROV systems, diving applications and towed underwater vehicles and platforms such as the LUXUS Drop plate. The laser pointer comes with a SubConn® or alternative customer specified connector.

The LUXUS laser pointer is integrated within a standard compact size LUXUS housing manufactured from sandblasted and polished titanium with a depth rating of 4,000 metres.

Features and benefits

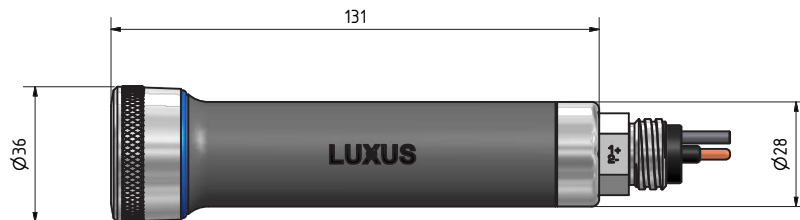
- Powerful laser reference tool
- High performance in turbid environments
- Light weight
- Compact
- 4,000 metre depth rating
- Wet and dry

Applications

- ROV systems
- Trencher systems
- Crawler systems
- Tow and drop camera systems
- Benthic sledge systems
- Underwater observatory systems
- Diving applications

Options

- Different colours available
- Alternative connectors
- Custom wiring
- LUXUS universal mounting bracket
- Laser pattern: dot, line or cross
- Other output powers possible



Specifications

Electrical

Power supply:	6.5-36 VDC
Power consumption:	2 W
Standard wiring:	1 Power + 2 Power Gnd

Mechanical

Material:	Titanium
Standard connector:	SubConn® MCBH2M Ti
Other connectors:	On request
Dimensions:	See drawing (mm) (1mm = 0.03937 inch)
Weight:	300 g in air 210 g in water
Window/Lens:	Borosilicate glass

Optical

Wavelength:	520 nm	660 nm
Output:	10mW standard	20mW standard
Pattern:	Point (line/cross)*	Point (line/cross)*

Environmental

Depth rating:	4,000 m	4,000 m
Test pressure:	600 bar	600 bar
Storage temperature:	-30 to 70 °C	-30 to 70 °C
Operating temperature:	-10 to 45 °C	+10 to 45 °C
Laser class	3B	3B

*optional