

SeaStripe

ROV/AUV Laser Line Generator

Provisional Datasheet

Features

- Optimised for seawater penetration
- Wide angle projector
- Uniform line intensity with sharp cut-off
- 4000m depth rated
- Compact and robust solid state system

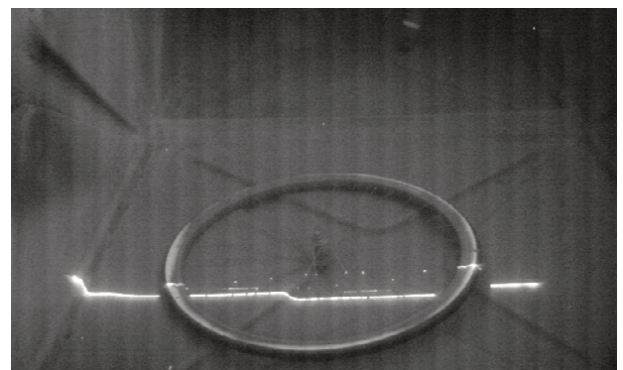
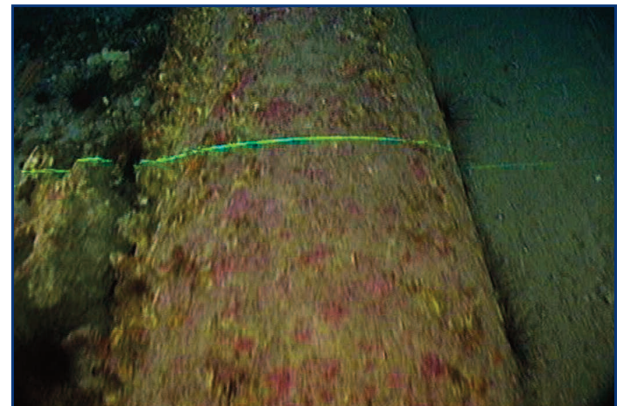
Applications in conjunction with video

- High definition recognition of surface details - detection of cracks, corrosion pits etc
- Damage analysis
- Reference tool to assist accurate measurements



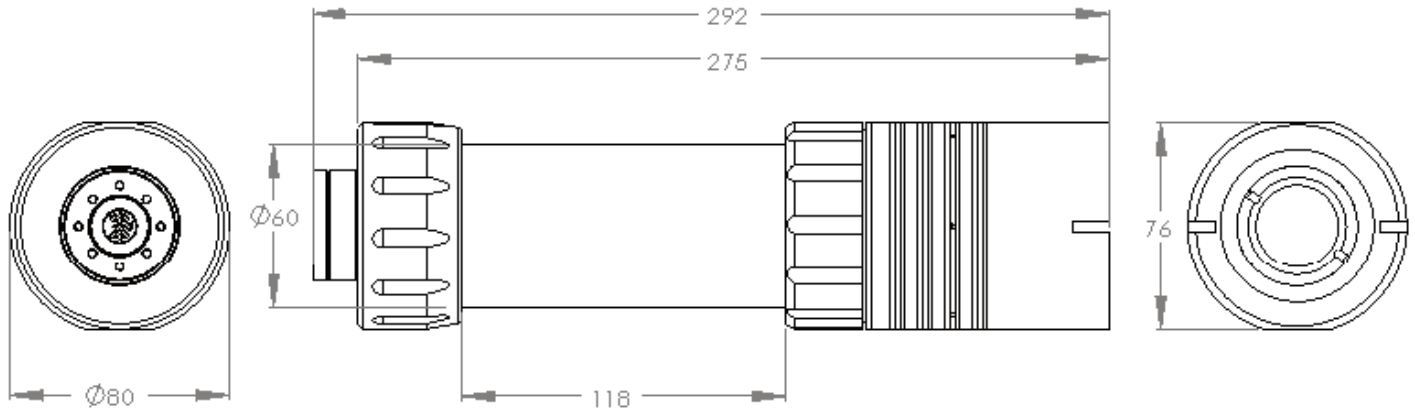
The all new Tritech SeaStripe is a compact, solid state deep sea ROV/AUV Laser Line Generator.

The laser generates a green (532nm) beam which is passed through a Powell lens to produce a thin linear fan beam of 64 degrees in water with well defined ends and can be used as a high contrast reference profile on the seabed or other subsea features



underwater laser detail

Specifications



Laser specification

Class 3R, 20 mW at 532 nm wavelength (green)
Swath angle 64 degrees in water

Power

11- 26 V DC
3 W max. No warm-up period

Dimensions

292 mm x 80 mm diam

Weight in air

1.7 kg

Weight in water

0.9 kg

Depth rating

4000 m

Connector type

Standard Tritech Connector

"This device is not designed for use in a helium/oxygen atmosphere"

All specifications are subject to change in line with Tritech's policy of continual product development.

Ref: EDS-LSR-004.3