

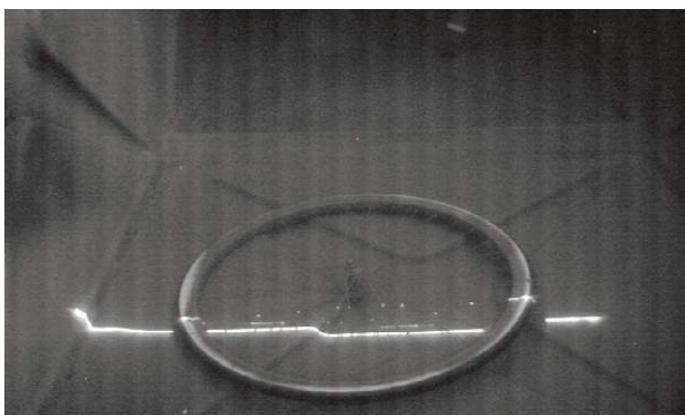
# SeaStripe

ROV/AUV Laser Line Generator



## A compact, solid state, deep sea ROV and AUV Laser Line Generator

SeaStripe has been designed to dramatically enhance existing underwater video systems. 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 defined ends. The sharp, uniform structured laser can be used as a high contrast reference profile on the seabed or any other subsea feature.



Underwater laser detail

### Benefits

- High definition
- Solid state system

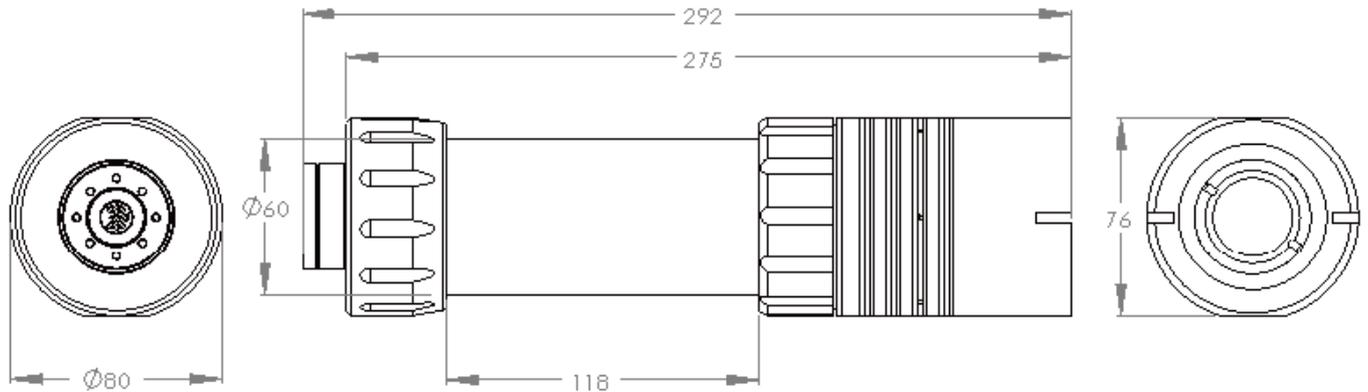
### Features

- Optimised for seawater penetration
- Wide angle projector
- Uniform line intensity with sharp edge
- 4000m depth rating
- Compact and robust

### Applications

- Define surface details
- Detection of cracks and corrosion pits
- Damage analysis
- Reference for accurate measurements

# Specification



Not to scale, dimensions in mm.

Laser Specification	
Class	Class 3R
Power	20mW
Wavelength	532nm (green)
Swath angle	64° (in water)
Electrical	
Power requirement	11 to 26V DC
Power draw	3W maximum (no warm-up period)
Physical	
Length	292mm
Diameter	80mm
Weight in air	1.7kg
Weight in water	0.9kg
Depth rating	4000m
Connector options	Tritech connector, Schilling SeaNet
Materials	Anodised aluminium alloy and acetal

Specifications subject to change according to a policy of continual development.

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