	<b>Laser Specifications</b>	Doc #:	D0019
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	Laser Specifications for Gen 1 Stroke Detection Device	Page:	1 of 1

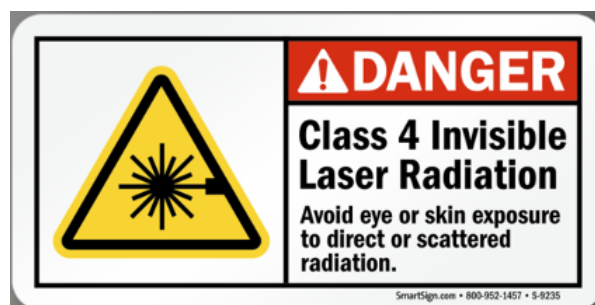
**THE OPENWATER GEN 1 STROKE DETECTION DEVICE IS FOR RESEARCH PURPOSES ONLY AND IS NOT FOR PURCHASE**

## Embedded Laser Source Specifications (Class 4)

The Openwater Gen 1 Stroke Detection Device utilizes a Class 4 Moglabs laser as its light source. The Class 4 CW laser is shuttered to create short pulses that produce a Class 3R laser output. See the system output specifications in the next section.

*Version standard 60825-1:2014*

Wavelength	850 nm
Power	3.5 W
Seed input power	10 mW to 30 mW



## System Laser Output Specifications (Class 3R)

Wavelength	850 nm
Pulse duration	100 $\mu$ s
Pulse Repetition Rate	14 Hz
Average Power	1.8 mW

