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**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
Pacific Marine Environmental Lab | EcoFOCI  
7600 Sand Point Way NE, Seattle, WA 98115

## Pop-up Float Fluorometer Specifications Sheet

- Fluorometer transmits an excitation beam of light at 460nm and detects fluoresced light at 685nm
- Fluorometer minimum detection: 0.03 micro-grams/Liter
- Fluorometer Linear Range: 0-500 micro-grams/Liter
- Functional in water temperatures at least between -2 °C and 15°C
- Depth Range: 0-600 meters
- Wiring Pin Connections:
  - 1- Supply Voltage, 3-15 VDC
  - 2- Supply Ground, 0 VDC
  - 3- Signal output to data logger "=", 0-5 VDC
  - 4- Analog Ground "-", 0 VDC
  - 5- x10 Gain
  - 6- x100 Gain
- Dimensions: see attached drawing