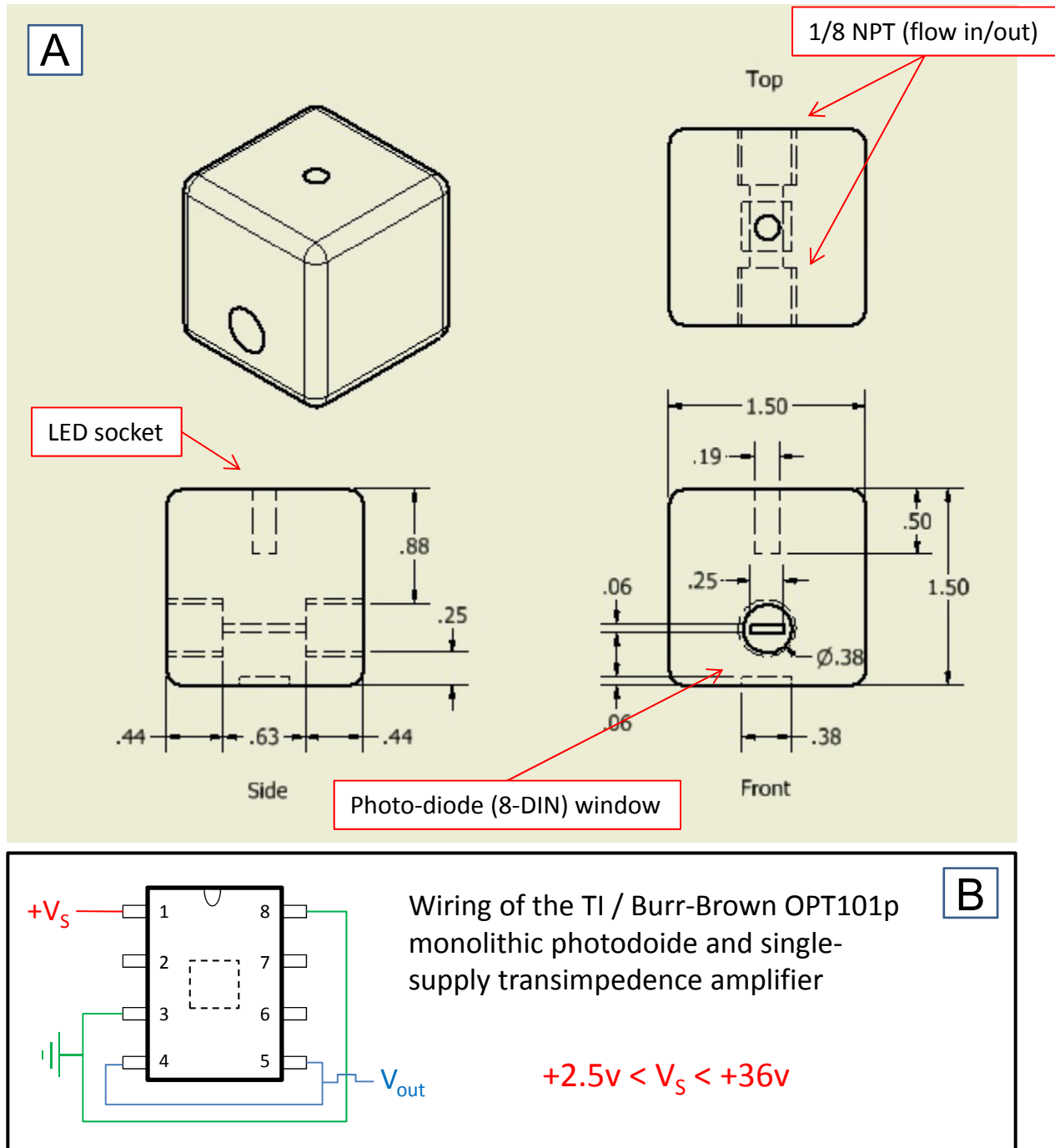


## Supplemental File: Figure S4



### Additional file 4. Figure S4 – OD flow cell schematics.

Fabrication details for the OD flow cell including: **A**) Schematic and mechanical drawing of the prototype acrylic flow cell which includes an LED insert and photodiode, and **B**) The photodiode used in this work showing the basic wiring arrangement to measure the output voltage which responds to the light intensity reaching the 2.29 x 2.29 mm photosensitive 'window' of the integrated circuit.