Weekly Report

Date: 10/29/12

Project Name: Light Detection with ultra-high dynamic range

Group Number: 35

Group Members: Dohyun Kim, Eric Kleinberg, Leran Firer

Current status of project: Finishing selection of Peltier Cooler. Calling Peltier Cooler companies. Writing Progress Paper. Finishing Simulations of electrical system.

Work completed in the last week: Finished diode and lens selection. Spoke with a company representative about the effects of cooling the PIN diode on the signal. Rough CAD schematic drawn.

Work planned for next week: Select Peltier Cooler. Improve CAD Schematic/draw other perspectives. Obtain more detailed measurements of all components.

Anything needed from client or TA or instructor to continue work: Information on the laser.