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# Light of the World

Altura, Appleton, Baur, Yurkovich

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Minutes - 4.8.13

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**Leader:** James

**Note Taker:** Joe

❖ Microcontroller

- Move off development board
  - Wifi and parser now work on pic18 board provided by Dr. Schafer
  - Still need to complete triac dimming
  - Schematic for microcontroller finished need to work on PCB design
  - Included spaces for light sensor to create a different board that reports ambient light settings to server
- 3.3V supply
  - Fully operational on its own with minimal ripple or transience
  - Going to add microcontroller and Wifi to same board
- LED supply
  - Designed just needs to be tested
  - Will be placed on its own separate board
  - Going to build this week
- Packaging progress
  - First sketch ups have been completed
  - Boards cannot be built circular, but can be cut into a circle
  - Might consider adding a hole in the middle of the board to make a circular cut as well as place a central support
- Website
  - Up and running
  - Need to add documents and designs as they become finalized
- Must submit all board designs by next week

❖ Upcoming deadlines

- Pre-demo Demo -- Apr. 22-Apr. 26
- Demo and Documentation of Working Prototype -- May 3