# Light of the World

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Meeting Minutes – 1.21.13

- ❖ Dr. Schafer may have boards for us (will put into cart)
    - o 32 series, 24 series, 18 series (USB design)
    - o 6 pin RJ11 phone adapter
- ❖ Division of labor
    - o What are we planning on demonstrating
        - ▪ Wifi
            - • Android
            - • Server
            - • Communication between chip/microcontroller
        - ▪ Dimming
        - ▪ Which LED to use
        - ▪ Better power supply
        - ▪ Design for flyback converter
            - • Dependent upon transformer availability
- ❖ External antenna may or may not be necessary
- ❖ Budget thoughts:
    - o Wifi is expensive
- ❖ Look into Microchip development tools
- ❖ How to measure power factor

Open items:
- ❖ Notify Dr. Schafer when we get our cart
- ❖ Look into Digilent p module wifi chip libraries
- ❖ Can we use a PIC16 microcontroller?
- ❖ Look up max/min IV stats for wifi chip