



Light of the World

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Problem Description and Solution

- Goal is to replace light bulbs that:
 - Use energy inefficiently
 - Use toxic substances
 - Emit yellow or harsh white light with RGBW LEDs

Demonstrated Features

- Greater efficiency
- Ability to select color of light
- System to control brightness
- Control unit with user interface

Available Technologies

- High power light emitting diodes
- AC/DC switching converters
- Wireless communication / Powerline networking
- CNC Routing / 3D printers

Engineering Content

- Communication
- Heat Dissipation
- Lighting
- User Interface
- Feedback