EE 595
Smart Window Shade
Team 8

Picture of Similar Product

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http://decorchick.com/simple-fit-custom-shade-giveaway/simplefit_light_filtering_white/
Purpose of product

- Control the light level indoor
- Protect individual privacy

Key features and/or operating modes

- Normal mode: To make shade up and down or change its angle by using remote control or buttons on the box which installs near the window
- Automatic mode: Window shade changes its angle automatically

Market

- USA (120V 60Hz)
EE 595
Key Requirements

- **Cost**
  - Sales Price: $150, Component Cost: $40, Assembly & Test Costs: $15

- **Environment**
  - Indoor
  - Operating Temp Range: Min: -10 °C  Max: 40 °C

- **Power Input(s)**
  - Battery Power: Qty 4 of 1.5V AAA Alkaline, Nom 6V, Min Life 300hrs
  - Other Power Input: N/A

- **Major Functions**
  - Function: Normal mode, automatic mode, on, off