

Smart Curtains for a Smarter Future

INTRODUCTION

FlexShade is an intelligent curtain system that adjusts to temperature and sunlight, optimizing energy efficiency, comfort, and sleep quality while reducing energy costs and enhancing sustainability.



MARKET

Our product targets:

- Homeowners seeking energy efficiency.
- Smart home enthusiasts.
- Businesses needing automated climate control.
- Eco-conscious consumers prioritizing sustainability.

DESIGN

FlexShade features:

- **Smart Sensors:** Detect temperature and light.
- **Automated Control:** Adjusts curtains automatically.
- **User Interface:** Mobile app for control.
- **Sleek Aesthetic:** Blends with any home style.

RESEARCH

Why is it Needed?

- **Energy Savings:** Reduces HVAC reliance.
- **Improved Sleep:** Matches light exposure to circadian rhythms.
- **Eco-Friendly:** Minimizes energy waste, promotes sustainability.
- **User Convenience:** Hands-free automation via app..

FEATURES



Automated Curtain Adjustments



Adaptive AI Learning



Energy-Efficient & Sustainable



Mobile App Integration



Smart Light & Temperature Sensors



Weather Integration



Optimizes natural lighting and reduces HVAC use, lowering energy consumption.

Provides smart climate-responsive solutions for energy-efficient, comfortable living.

Minimizes energy waste, promoting sustainability and reducing carbon footprints.

SCAN FOR MORE INFORMATION



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