



CEE Lighting Session

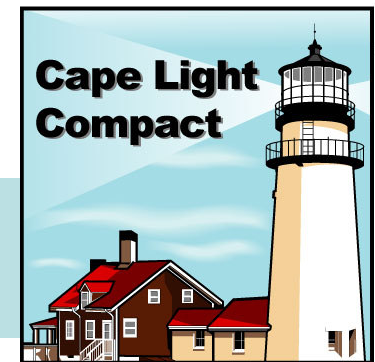
Next Generation: Comprehensive Lighting Approaches

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Margaret Song, Cape Light Compact

Cape Light Compact

- Energy Efficiency
- Power Supply
- Consumer Advocacy
- 200,000 customers
- Programs since 2001



Traditional Programs



- Focused technologies and applications
- Prescriptive rebates
- Counting beans
- Ongoing model

Lighting Dilemma

- Standard lighting designs for new construction
- Lights that are not in the right places
- Overlighting or underlighting for areas



Comprehensive Approach

- Whole-house approach
- Right lumens for right application
- Lighting as a Living Thing
- Controls (Daylighting, motion sensors)
- Lighting Designers and build team



A close-up photograph of a hand holding a black pen, pointing at a technical drawing on a ruler. The drawing shows a series of light fixtures or lamps arranged in a row, with lines indicating their positions and connections. The ruler is marked in centimeters, and the pen tip is positioned over the 5 cm mark. The background is a light-colored surface, possibly a desk or table.

Evaluation of Pilot

- Total costs for design assistance
- Total incremental costs and rebates for lighting
- Existing Lighting Plan
- Savings for new lighting plan
- Estimated to be up to 30% of lighting load
- PILOTS!



Challenges

- Need the right customer
- New technologies and education
- Establishing the savings

Future



- Hybrid Program
- More pilot projects
- Prescriptive recommendations and case studies
- Still maintain CFLs for others