CFL Color: Hitting the Bull's Eye

Presentation Prepared **FOR**

Ron Lewis, LC

U.S. Department of Energy

April 27, 2004

I Wasn’t Really Comfortable
With That Theme

CFL Color: Not Everyone Appreciates The Beauty Of Lava Lamps

Presentation Prepared **BY**

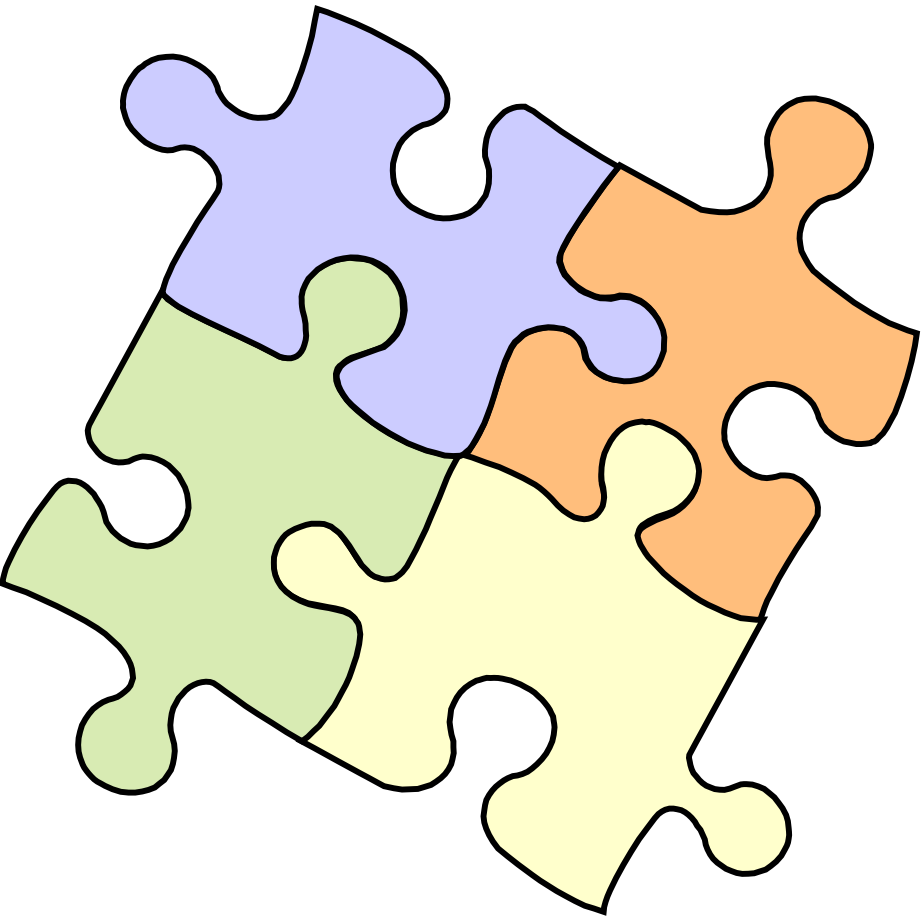
Ron Lewis, LC

U.S. Department of Energy

April 27, 2004

Beauty Of Lava Lamps

ENERGY STAR CFL Program



Color

Pieces of the CFL Picture
That Must Fit Together

- Color Rendering
- Color Appearance
  - Consumer Preference
  - Lamp2Lamp Consistency
  - Color Maintenance?
  - Relationship to Efficacy

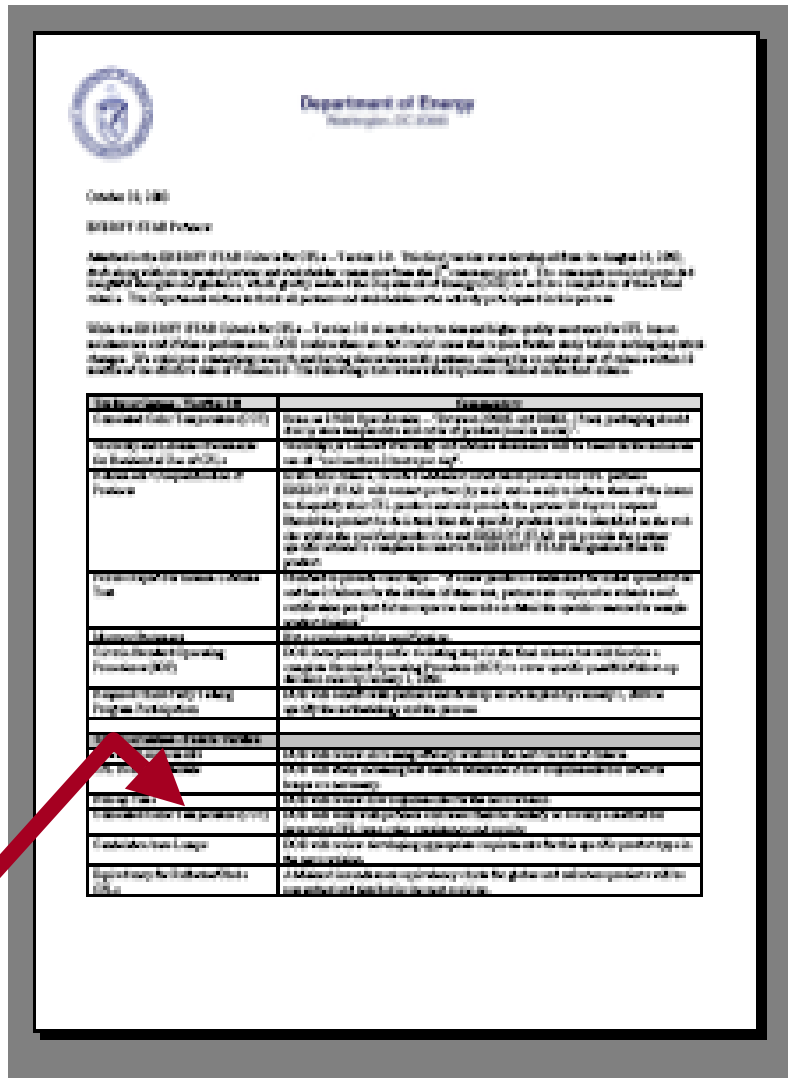
ENERGY STAR CFL Program

Color

Other Challenges

- Color of CFLs vs Color of Money (costs)
- Communicating Color To Consumers
- Transformation From Incandescent Equivalence To Complimentary Color Choices

ENERGY STAR CFL Program



Version 3 Criteria Letter
10/30/03

Quote – **Topics or Issues Future Version**

Correlated Color Temperature (CCT)

DOE will work with partners and researchers to identify or develop a method for improving CFL lamp color consistency and quality.

CFL Color Roundtable Meeting

February 26, 2004 - Lighting Research Center - Troy, NY

The goals of the meeting were to:

(1) hear your perspective on color issues associated with consumer acceptance of CFLs

(2) present the findings on a recent focus group conducted by the LRC to better understand consumer acceptance of CFLs

(3) get your input on a "strawperson" developed by the LRC to help address the issues related to color consistency of CFLs

CFL Color Roundtable Meeting

Summary of Meeting
Agenda & Discussions

By

Conan O'Rourke
Technical Director
The Lighting Research Center

CFL Color Roundtable Meeting

Response & Proposal
From Lamp Manufacturers

By

Peter Bleasby
Director of Industry Relations and Standards
Osram Sylvania

CFL Color Roundtable Meeting

Response To The Response

By

Conan O'Rourke
Technical Director
The Lighting Research Center

Actually A Perspective On CFL CCT Tolerances

CFL Color Roundtable Meeting

Your Response To The Responses

By

You

Other Color Issues Resolved

Crayola Decided

What Colors

To Put

Into The Box

Other Color Issues Resolved

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